

SEQUENCE LISTING

jc530 U.S. PTO
09/252691
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<110> Keith G. Weinstock et al.

<120> NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROBACTER CLOACAE FOR DIAGNOSTICS AND THERAPEUTICS

<130> 107196.135

<160> 11324

<210> 1

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 1

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tgctcccctg	ctccttcg	ttgcgctttt	tctgtcggt	tttgcttttc	cgctcctgcc	180
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gttcttctct	ttggttcgct	gtgcctcgcc	tggttcctgg	tcttcgcttt	ccttgtggcg	300
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<210> 2

<211> 231

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(217)

<220>

<221>unsure

<222>(218)

<400> 2

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agcagccaga	acaccagcag	agacacaaa	accaccgagg	cgacgccgat	ccagaaagac	180
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<210> 3

<211> 490

<212> DNA

<213> Enterobacter cloacae

<400> 3

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caccggggcg	gaggagaagg	cgaaaggcca	gaacctcgcg	ccgaaagcgg	agaagagcga	180
atccggctca	ccgaaagaaa	gcaggaaggc	ggagaaaacg	gagcagagca	tcggcgagga	240
ggcgggtcaa	acgcgcggca	agatccagcg	gcagcagatc	caggacgggc	agaaagcggc	300

cagtcagggtg	aacgcgcagc	aggcgaacga	gatcggcctc	ggcaaaccgg	aagatttcac	360
acagattcat	caggccgcca	ggatcggcaa	gccgcacata	acctcgcca	cctttaacgt	420
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<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 4

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gtgagcacc	tgaaagagct	ggcccggcgc	tggaaccggg	aaattttcga	cggcttcaca	180
aagcagggga	cgcaccaggc	gatggatgac	atccgtgagt	ctgttgcgga	gctggcgtag	240
tatcgcgaaa	actttattaa	gctctga				267

<210> 5

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 5

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atcgccacac	tggtcaccca	tgccaacctc	aatattctgg	cggaaggccc	aacgattgcc	180
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gcgacgcttg	aatttctgaa	gcagtgggtg	ccggcaggaa	aatcgccctat	ctgtggggcaa	360
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<210> 6

<211> 675

<212> DNA

<213> Enterobacter cloacae

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<211> 647

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (41)

<220>

<221> unsure

<222> (54)

<220>

<221>unsure

<222> (60)

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acctttccct	caaaccatg	ccggaaaaag	tcatttttgt	ctgtttcgat	gagcacaccg	600
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<211> 924

<212> DNA

<213> Enterobacter cloacae

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tggctgatcc	tgctgctgat	tgctccttat	aagctcggcg	acgctttcgc	catgagtctg	180
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<210> 9

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222> (997)

<400> 9

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tatcaggagcg	cttacggggc	taaaggaaaa	ggcggctcaa	atccaccagc	agccggaaaag	360
ccacaaggca	gaggctcaga	tttaacagcc	gctaattcaa	tccgttcaact	cgctaataact	420
cagtttctatt	cgaatctgac	aagacgctta	gagggtatgg	gttcaactgg	acaagcaagg	480
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<211> 1170

<212> DNA

<213> Enterobacter cloacae

<400> 10

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<210> 11

<211> 756

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (672)

<400> 11

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atggcccgcc	actacaccga	gctgccaaaa	tatctgctgg	ctccggaagt	ggccggactg	180
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<211> 951
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 <213> *Enterobacter cloacae*

<220>
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 <222>(937)

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 ggcgacgtgg agcgcgtgac gcttcttata aatggtggca gaaacgggct ggataaacgc 480
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 <211> 345
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<220>
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 <222>(97)

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<221>unsure

2025年10月10日

<222>(161)

<400> 14

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nggtccggca	ggccatggcg	180
gcgctacact	atgtgcccaa	ccgtggcgcg	cagcagctgg	ccgggaaacg	caccgcacg	240
ctggggctga	tgaccagcga	tctggcgcta	catgcgccgt	cgcaaatcgc	ctcagctgta	300
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<211> 342

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(40)

<400> 15

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gaggtgactg	tggtgatcgt	cggtacctc	ctcgggggag	cgtttgccgt	tggaaccgtg	240
ctgtatgcat	taaccatcgg	cccgtgatc	cagctctgtt	tgccgtgggt	tcgccagaga	300
ccgcgcattc	agaaagctgc	acagccggag	cggattgttt	aa		342

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<211> 1110

<212> DNA

<213> Enterobacter cloacae

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<221>unsure

<222>(1022)

<400> 16

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tctctgatgg	cttcatcaag	agtatctggt	tctgatgata	gtgttgatgg	tggtgataga	180
ctgatctata	accactgttt	gaataaaaaa	aatctctctg	atTTTTTTgg	gaagtcacga	240
gtaacgttca	ataaaatact	ttcggactta	gaagaaaaag	aacttggttg	tgacacctatt	300
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ggttatccca	agtaccgcga	tcattacttt	agcagagcta	ttgttactca	gaatcataaa	420
ggcggtagac	ggaaaagcac	tacatctgta	gcttttagcag	tagcagctgc	tttagatcta	480
caactcaatg	cacgtgtatt	aatgatcgaa	tgggacccac	aaggttcgat	tggaagcagc	540
atgattcaaa	gtgtctcaga	agatgatgtc	ttccttacag	caattgatgc	aatccttgga	600
atttatgaag	aaaattctga	gtataaaaaa	tatttagatt	caggattctc	tgaagaagaa	660
atcatcacta	atatgccttt	ttcaacgcac	ctgccaaaact	tggaacgtaat	aacggctttt	720
ccgacagatg	ctcgttttta	agataaatac	tggaatgttt	ctagagaaga	acgtacgtct	780
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gggattcttg	tcgcagtgtc	accacgtgaa	tatgattacg	cctctactac	agacttcatg	960
cttacaataa	gtgaaagggt	taaacaatca	ccaagtaagg	gcgacaattt	aaaatgggtc	1020
anagttcttg	ctgtcaatgt	aaatgacaaa	agtccatatg	aaagaatagt	tttgataaaa	1080
ttaatcaaaa	ctgttcaagg	acccttttga				1110

<210> 17

<211> 1056

<212> DNA

<213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(1030)

<400> 17
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 aaactgctgt ggggttggt ctgggccaat ctgatggcga tgctgattca gatgctctcc 120
 gcgaagctgg gtattgctac cggaaaaaac ctggcggagc aaatccgcga tcattatcca 180
 cgtccggcag tttggtttta ctgggttcag gcggaaatta tcgccatggc caccgatctc 240
 gccgagttta tcggggcggc gatcggtttt aagcttattc tgggcgtctc tctgcttcag 300
 ggggccgtgc tgaccggtat cgccactttc ctgattctga tgctccagcg gcgggggcaa 360
 aaaccgctgg agaaagtcac cggtggcctg ctgctgttcg tcgctgccgc ctatattgtt 420
 gagctgattt tctcccagcc gaactctggcg cagctgacga aagggatggg gatcccgtcg 480
 ttaccacttt ctgaagcgt ttttctggct gccgggtgc tgggggcgac cattatgccg 540
 cacgtcattt atctacactc ttcattaacc cagaatctgc atggcgggac gagtaaagag 600
 cgctactccg cctcgaaatg ggatgtggct atcgcgatga ccattgccgg atttgtgaat 660
 ctggcgatga tggccaccgc cgccgcccg ctccacttta acgggcatac cgggggttgc 720
 gatcttgacc aggttacct gacgtggag ccgttgctga gtcatgccgc tgccactatt 780
 tttggtttaa gcctggttg tgcgggcctt tcatctacgg ttgtggggac actggccggg 840
 cagtggtgta tgcaggggtt cgtacgtttc catattccgc tgtgggttcg ccgctcggtc 900
 acaatgctgc cttcctttgt tgtgatcctg atggggctgg atccgaccg cattctggtg 960
 atgagtcagg tgctgctgag tttcgggatt gcgctggcgc tgggtgccgt gctgatattc 1020
 gacgtcatcn cgcccggaat ggaaggtagc gcgctc 1056

<210> 18
 <211> 1071
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(1061)

<400> 18
 actgacgaaa ggatattaac tatgagtaat gtattttata tgccgcctgt aaccctaattg 60
 ggacttaatt ctattcgtct tttaggggat gaacttgttt caagggagtt aaaaaaagcg 120
 ctgatcgta ctgaccgtgt tttggctgac accggactgg ttaacaaact gacagatgag 180
 cttgaggcgc ataaaattag ttatgcaata tttgatggtg ttcaacctaa tccaacagag 240
 aaaaatattg atgacggttt agccttgctt gcaaaaagta atgctgattt tgtcatttcc 300
 tttggtgggg ggtcttctca cgatacagct aaaggtattg cattggtggc cactaatggg 360
 gggcatattc gggattactc gaaaggtgtg catctgtcca aaaaaccaca attaccatta 420
 gttactgtaa atacgacagc gggtagcgca tcggaaatga ccgtatttgc aatcgtcact 480
 aaccaggaag atgaaactaa atacccggtg gtggataagc actttacgcc tatcattgcg 540
 gttaacgatt ctgaacttat ggtagcaatg cctgcgttcc ttacggcaac tacaggtatg 600
 gatgccttaa ctcatgcaat tgaagcgtat gtatcaacag cagctacgcc tgttactgat 660
 gcttgtgcta tcaaagcaat tgaaattatt gttaataatc ttaaagacgt tgtagatgat 720
 ggcaaaaacc gcgaagcacg tgatgccatg caatatggtg aatatctggc tggaaatggca 780
 ttttcaaacg cgtctcttgg ttatgtccat tcaatggctc accagttagg tggcgtttat 840
 aatctgtctc acggtttgtg taatgcgatc ctgctgggtg aagtatcccg atttaatgcg 900
 aaaaaggttc ccgatcggtt tgttgaaatc gcccgggcaa tggggattga tgtctcaaca 960
 atgactcagg agcaggccat taattctgct atcgaagcaa ttgagatgtt gtcgcaaaaa 1020
 gtcggtacga atcaacgcct ggctgatcgt gcgtcacggt nttctccgta a 1071

<210> 19
 <211> 537
 <212> DNA
 <213> Enterobacter cloacae

<400> 19
 ggccctaagg atctgttccc ccaaaaatgc gatcgctgga tgatcgatgc cagcagcgtg 60

gtcattggtg	atgttcgcat	ggccgatgat	gtcagcatct	ggccactcgt	cgcgatccgg	120
ggcgatgtta	actatgttgc	aatcgggtgca	cgcaccaata	ttcaggacgg	cagcgtgctg	180
catgtgactc	ataagtcac	ttataaccct	gagggcaatc	cgctcatcat	tggggaagat	240
gttaccgtcg	gtcataaagt	aatgctccac	ggctgcacaa	tcggtaacag	ggttctcggt	300
gggatgggat	cgatttttgc	ggatggcgctc	atagtagaag	atgacgtaat	gattggcgca	360
ggaagcctag	ttccgcaaaa	caaacgcctg	gaaagtggct	atctctatct	aggcagtcgg	420
attaaacaga	tccgccccct	aaaggaggcg	gagatcgaag	gattgaaata	ctcagcgaac	480
aattacgtta	aatggaagaa	tgactatctg	gatcaggata	accagaccca	gccctga	537

<210> 20

<211> 199

<212> DNA

<213> Enterobacter cloacae

<400> 20

catctacgcc	tatgacatgt	tttatcaaaa	agggaaaacg	ccatttctga	cctgggtgcga	60
acaacagggg	gcaaaacatg	tggtgatgg	tctgggcatg	ctgggtggggc	aggcgggtca	120
tgcggtgcta	ctctggcatg	gcgtgttacc	tgctgtagaa	ccggtgatcg	aaaagctgaa	180
aaaggaactg	atggtatga					199

<210> 21

<211> 357

<212> DNA

<213> Enterobacter cloacae

<400> 21

tggtctgggc	atgctgggtg	ggcaggcggc	tcatgcgggtg	ctactctggc	atggcgtggt	60
acctgctgta	gaaccgggtg	tcgaaaagct	gaaaaaggaa	ctgatgggtat	gaatcaggcg	120
attcattttc	ccgacagaga	aatctgggat	gaaaacaagc	aagcgggtgtg	tttcccgggtg	180
ctggtgcatg	gaatgcagct	cacctgtgctg	attaaagggg	agacggttgc	tcagcgcttt	240
ggtggttcag	atccggttagc	ggtcttttgt	gaaaatcgct	gggatctgga	agaggaagcc	300
agcgatttga	tccgcgtaca	gcaggaagac	gatcagggct	gggtctgggt	atcctga	357

<210> 22

<211> 198

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (142)

<400> 22

tccacgcatt	atgcgcagcg	aaaactgggg	ggacgggtggc	aactacggca	aaattttgtg	60
tatctggtcg	cgatcttgc	ccatattcat	aacctgtggt	cggtgaagat	tttatccct	120
cagccggtca	tttacgccct	gntggccctg	gcccttttag	cgtggcggtta	caagaagttc	180
cgccagtggg	tgcgatag					198

<210> 23

<211> 522

<212> DNA

<213> Enterobacter cloacae

<400> 23

aagggtgaca	attgcgcttt	gagggatat	gttgtttttt	acccgaaaat	cgcaggagat	60
agcggcataa	tggtgataa	attccaaatt	ttagttttta	acggaccgaa	cctgaacatg	120
ctcggcaccc	gtgagccaga	gaagtacggc	acgctaacat	tgagcgaat	tggttaaccgt	180
ctgagtacgg	aagcagcgct	gctgaatgtg	gatttgacc	attttcagtc	taacgcggag	240
tacgcaatca	tcgaccgat	tcatcaggct	aaagacactg	tggaactatat	cctgatcaat	300
ccggcccgct	ttacgcacac	cagtgttgct	atacgcgacg	cactgctcgc	ggtgagtatc	360
ccgtttatcg	agatccacct	gagtaacgtg	cacgcccgag	agccgttccg	ccaccactcc	420

tacctgtcag	ataticgccgc	tggcgtgatt	tgtgggctgg	gtgcagacgg	ctattcatac	480
gctttacaga	cagcggtaaa	acgcttgtca	caatcacact	aa		522

<210> 24
 <211> 591
 <212> DNA
 <213> Enterobacter cloacae

<400> 24						
cagagacata	cacccgctgc	aaaaaactgg	catccatatt	gcaaaacctg	tttaacaaca	60
cagccgttac	cggcacgcta	ttttcgaaca	gggggcaaca	tgaacttaag	acgactgaaa	120
tacttcgtaa	aaatcgtcga	tatcggcagc	ctgaccagg	cggctgaagt	gctgcatatc	180
gcgcagcctg	cgctgagcca	gcaggtcgcg	actctggaag	gcgaaatgga	ccagcaactg	240
ttgatccgca	ccaagcgcg	cgtaacgcct	accgaagcgg	gaaaaatttt	atatacccat	300
gccccgacga	tcctgcgtca	gtgtgaacaa	gcgcagctgg	ccgtgcacaa	tgtgggtcag	360
accctgagtg	gccatgtctc	tatcgggctg	gcgccgggaa	cgcccgcatc	gtcggtaacc	420
atgccgctgc	ttcaggcggt	gcgagcagag	ctaccggaag	tgctgggtta	tctgcatgag	480
aacagtgggt	ccgtgctcaa	tgacaaaactg	ctcaacggtc	agctggatat	gggcggtgct	540
gtacgatcgc	tccccggttg	ccgggatcac	cagccagccg	ctgctgaatg	a	591

<210> 25
 <211> 240
 <212> DNA
 <213> Enterobacter cloacae

<400> 25						
cttatcgatc	agccccgtaaa	agtgaccacg	gagccggacg	gtagccggtg	ggtagagggt	60
cacgagccgc	tttcacgcaa	tcgcgcggaa	tttgaatcga	caaataaggt	gccgctgccc	120
atttcagccg	cacaaaggac	gcagctgata	agtgaagggg	cgggcgctga	actggaacgg	180
cggtcgggga	tgccggtgaa	gcttgctatg	actggtagcg	cttcgcttgc	cgggccttga	240

<210> 26
 <211> 342
 <212> DNA
 <213> Enterobacter cloacae

<400> 26						
ccatgccgct	gcttcaggcg	gtgcgagcag	agctaccgga	agtgtctggt	tatctgcatg	60
agaacagtgg	ttccgtgctc	aatgacaaac	tgctcaacgg	tcagctggat	atgggcggtg	120
ctgtacgatc	gctccccggt	tgccgggacg	accagccagc	cgctgctgaa	tgaagatctt	180
tatctggtcg	gtaccgctga	ttgccctggc	cagagcattg	atttaaccgc	tgtggcacag	240
atgaacctgt	ttcttgcgcg	cgactacagt	gccctgcgcc	ttcgctttga	cgaaaccccc	300
tcgctgcgcc	ctctgaacgc	gaataatttt	ctgttagaat	ga		342

<210> 27
 <211> 492
 <212> DNA
 <213> Enterobacter cloacae

<400> 27						
ccagtataca	ctccgctagc	gctacgtgac	tggttcaggg	ctgcgccccg	aaacccgcta	60
aaaccactgc	cgcgtctgcg	gcttgtccaa	caccgtgccg	accgggaaaa	gatttcccg	120
ccgtcccggc	gttatcagga	ggccggattg	gcagacaaac	gcagcaaaat	gctcaccatg	180
tgggtgactg	aggacgagca	ccggcgtctg	ctggagcgct	gcgagggtaa	gcaactcgcg	240
gcctggatgc	ggcagacgtg	cctggacgag	aagcccgcac	gcgcgggcaa	acttccgtcg	300
atctcgccgg	cgctgcttcg	tcagcttgcc	ggcatgggga	acaaccttaa	ccagattgcc	360
cgccaggtta	acgccgggtg	tggaagcgga	cacgaccgcg	tgagatttgt	cgccgcgctg	420
atggccatcg	atgccggact	cgagcgggtg	cggcatgccg	tactggaaaa	gggtgctgat	480
gatgatcggt	aa					492

<210> 28

<211> 696
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (418)

<400> 28
 tggccatcga tgccggactc gagcgggttc ggcattgccgt actggaaaag ggtgctgatg 60
 atgatcgtaa agtttcatcc tcggggggcgc ggcggcgccg gcggggccggt cgattatctg 120
 ctgggtaaaag atcgccagcg cgacggcgcc agcgttctgc aggggaagcc ggatgaagtc 180
 cgggagctta tcgacgcctc gccctacgcc aaaaagtaca cttccggcgt tctgtctttt 240
 gccgaacagg atttaccgcc cggccagcgc gaaaagctga tggcgagttt cgagcgggtt 300
 ctgatgcccc gactcgataa agaccagtac agcgtgctgt gggttgagca ccgggacaag 360
 gggcggctgg agctgaactt cctgatcccc aacacggagc ttctgaccgg caagcggnta 420
 cagccgtatt acgaccgcgc cgaccgtccg cgcattcgat cctggcagac catagtgaac 480
 ggcaggctgg ggctgcatga cccgaacgcg ccggagaacc ggcggtgct ggtctcgctt 540
 tccgcgctgc cggaagcgaa gcaggaagcc gccaggcgga ttacgagcgg cctgcttgcc 600
 cttgcctcat ccggggagct gaaaacgcgt caggacgtca ctgaggcgct ggaaagcgca 660
 ggttttgagg tggtgcgcac cacacaaggc cgcattc 696

<210> 29
 <211> 1392
 <212> DNA
 <213> Enterobacter cloacae

<400> 29
 cggatggcag gtaacataga tatccccctt ataagggcgg acaagtgttt attttttccg 60
 actattaaca gagagaatat tatgagcgtt gtgcctgtag ccgacgtact ccagggccgt 120
 gtcgccgttg accaggaggt caccgtgcgc ggatgggtgc gtactcgccg agattctaaa 180
 gctggcatct ccttctctgc cgtctatgac ggttctgtct ttgactctgt acaggccgtc 240
 attaataatt ctctgcccaa ttacaatgat gacgttctgc acctgacaac cggttgttcc 300
 gtgatcgtca ccggtgtagt ggtggcctct ccggggcagg gtcagagcta cgaaattcag 360
 gcgacctcgg tggaagtgac cggctgggtt gaagatccgg acacctaccc gatggctgca 420
 aagcgtcaca gcatcgaata tctgcgtgaa gttgcgcaac tgcgtccgcg caccaacctg 480
 attggtgcgg ttgcccgcgt gcgtcatacg ctggcgccag cgtgcacatg cttctttgac 540
 gagcagggtt acttctgggt ttctactccg ctgatcacgg catccgatac cgaaggcgca 600
 ggtgaaatgt tccgcgtttc aacgctggat atggaaaacc tgccgcgtac gccggaagg 660
 aaagtggatt acgacaaaga cttcttttgt aaagaagcct tcctgacggt ttctggccag 720
 ctgaacggcg aaacctacgc ctgtgcaact tctaagatct ataccttcgg cccaaccttc 780
 cgtgcggaaa actccaacac cagccgtcac ctggcggaat tctggatgct ggagccggaa 840
 gtggcctttg ccgatctgaa tgacgtggct ggcctggcag aagcgatgct gaaatacgtg 900
 ttcaaaagcgg ttctcgaaga gcgcgcagac gacatgaaat tcttcgctga gcgtgtcgat 960
 aacgacgcca tcgcccgtct tgagcgcttc gtctccgcag acttcgcgca ggtggattac 1020
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 ggtgtggatc tctctccga gcacgaacgt tatctggcag agaagcactt caaagcaccg 1140
 gttgtggtga aaaattatcc gaaagacatt aagcgcttct atatgcgcct taacgaagac 1200
 ggtaaaaccg ttgcgcgat ggacgtgctg gcgcggggca tcggtgagat tatcgggtggc 1260
 tcccagcgtg aagagcgact ggatgtgctg gacgcgcgta tgcaggagat ggggtctgaac 1320
 ccggcggact acagctggta tcgcgatctg tcttcaccta cgggagctgg caggatccgc 1380
 gcttacttaa cc 1392

<210> 30
 <211> 567
 <212> DNA
 <213> Enterobacter cloacae

<400> 30
 acgaccgtcc ttccagccgg ctttgggtgaa aacaatacaa tttcgggcct tttgttttta 60
 tgggttccga cccgtaaaac gaattttatt cacggggagc ctctccgagg cgttattacc 120

caatcagagg	attttagaat	ggctaagaaa	gtacaagcct	acgtcaagct	gcaggttgca	180
gcaggtatgg	cgaacccaag	tcaccagtt	ggccagctc	tgggtcagca	gggtgtgaac	240
atcatggaat	tctgtaaagc	gttcaacgcc	aaaactgaat	ccatggagaa	aggtctgcca	300
atcccagttg	taatcactgt	ttacgctgac	cgttctttca	ctttcgttac	caaaaccct	360
ccagcagcag	ttctgctgaa	gaaagcagcg	ggcatcaagt	ctggttccgg	taagccgaac	420
aaagacaaag	tgggtaaaaat	ttcccgcgct	cagttgcagg	aaatcgcgca	gaccaaagct	480
gccgacatga	ctggttccga	cattgaagcg	atgactcgct	ccatcgaagg	tactgcacgt	540
tccatggggc	tggtagtgga	ggactaa				567

<210> 31

<211> 708

<212> DNA

<213> Enterobacter cloacae

<400> 31

gaaatggcta	aactgaccaa	gcgcatgtcc	gtgatccgtg	acaaagttga	tgcgaccaa	60
cagtacgaca	tcaacgaagc	tatcgctctg	ctgaaagaac	tggctaccgc	taagttcgtt	120
gaaagcgttg	acgttgccgt	taacctgggc	atcgacgctc	gtaaatccga	tcagaacgtt	180
cgtggcgcaa	ctgtactgcc	acacggta	ggccgttc	tacgcgtaac	tgtatttgc	240
caaggtgcaa	acgctgaatc	tgctaaagct	gccggcgctg	aactggtagg	tatggaagat	300
ctggctgatc	agatcaagaa	aggcgaaatg	aactttgacg	ttgttattgc	ttctccagat	360
gcaatgcgcy	ttgttgcca	gctgggccag	gttctgggtc	cacgcggcct	gatgccaaac	420
ccgaaagtgg	gtactgtaac	ccctaacgtt	gctgaagcgg	ttaagaacgc	taaagcaggt	480
caggttcgtt	atcgtaacga	caaaaacggc	atcatccaca	ccaccatcgg	taaagtggac	540
tttgacgctg	acaaactgaa	agaaaacctg	gaagctctgc	tggttgcgct	gaaaaaagca	600
aaaccaactc	aggcgaaagg	cgtgtacatc	aagaaagtta	gcattctccac	caccatgggt	660
gcaggtgttg	cagttgacca	ggctggcctg	agcgctgctg	caaactaa		708

<210> 32

<211> 315

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (294)

<400> 32

agtgaagtcc	ggaacatgag	ttccggcaaa	catccaggag	caaagcta	ggctttaaat	60
cttcaagaca	aacaagcgat	tggtgctgaa	gtcagcgaag	tagccaaagg	cgcgctgtct	120
gcagtagttg	cggattcccg	tggcgttact	gtagacaaaa	tgactgaact	gcgtaaagca	180
ggtcgtgaag	ctggcgata	catgcgtgtt	gttcgtaaca	ccctgctgcg	tcgcgtagtt	240
gaaggtactc	agttcgagtg	cctgaaagac	acgcttggtg	gtcttcacca	cagngcggcg	300
caaggaccag	caata					315

<210> 33

<211> 384

<212> DNA

<213> Enterobacter cloacae

<400> 33

cggagcacta	aaatgatcca	agaacagact	atgctgaacg	tcgccgacaa	ctccggtgca	60
cgtcgcgtaa	tgtgtatcaa	ggttctgggt	ggctcgacc	gtcgctacgc	aggcgtaggc	120
gacatcatca	agatcaccat	caaggaagca	attccacgtg	gtaaggtcaa	aaaaggtgat	180
gtgctgaagg	cggtagtgg	gcgcaccaag	aagggtgttc	gtcgccctga	cggttctgtc	240
attcgcttcg	atggtaatgc	atgcgttatt	ttaaacaata	acagcgagca	gcctatcggc	300
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tctctggcac	cagaagtact	ctaa				384

<210> 34

<211> 600

<212> DNA
<213> Enterobacter cloacae

<400> 34
cagcgaaact atcaagtaat ttggagtagt acgatggcga aactgcatga ttactacaaa 60
gacgaagtag ttaacaaact catgactgag tttaactaca attctgtcat gcaagtcctt 120
cgggtcgaga agatcaccct gaacatgggt gttggtgaag cgatcgctga caagaaactg 180
ctggataacg cagcagctga cctgacagca atctccggtc aaaaaccgct gatcaccaaa 240
gcacgcaaat ctgttgacag cttcaaaatc cgtcagggct atccgatcgg ctgtaaagta 300
actctgctg gcgaacgcat gtgggagttc cttgagcgcc tgatcactat tgctgttcca 360
cgtatccgtg acttccgtgg cttgtccgct aagtctttcg acggtcgtgg taactacagc 420
atgggtgtcc gtgagcagat catcttccca gaaatcgact acgataaagt cgaccgctg 480
cgtggtttgg atattaccat taccactact gggaaatctg atgaaaaagg ccgtgctctg 540
ctggctgcct ttgaattccc cgttccgcaa gttaaggtaa ggtttaccga aatggcttaa 600

<210> 35
<211> 357
<212> DNA
<213> Enterobacter cloacae

<400> 35
aaattatctc tctggcacca gaagtactct aaggagcgaa tcatggcagc gaaaatccgt 60
cgtgatgacg aagttatcgt gttaaccggt aaagataaag gtaaaccgcg taaagtaaaa 120
aatgtttctgt cttccggcaa actcgctcgt gaaggtatca acctgggtta gaaacatcag 180
aagccggttc cggccctgaa ccaaccaggc ggcatcggtg aaaaagaagc tgctattcag 240
gtttctaacg ttgcaatctt caatgcggct accggttaagg ctgaccgtgt aggctttaga 300
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<210> 36
<211> 1055
<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (832)

<400> 36
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cctatgaaaa ccatgaaaat tgccgtcagc cgcgagctgg tatccaaagt ttctacgcat 180
cgcgaaaagg ttatgctgga taacactgat ttaccgatg tggcggcagt cgtcattacg 240
gttgttgaaa gctacagcgg cattctcgcg ttgctgaagc gtacgggctt tcagctaccg 300
gtattttatgt tctcaacaga gccaggagag gtgccagagg gtgtcacggc gatcatctcg 360
ggtaaagcac aggaattgct ggaactggaa tctgcccgtt gccggtatga agagaacctg 420
ctgccaccct tttttgacac cctgagccag tatgtggcga tgggaaacag cacctttgcc 480
tgtccgggtc accagcacgg cgcccttttc aaaaaacacc cggcggggcg gcagttctac 540
gacttcttcg gtgaaaacgt gtttcgtgcc gatatgtgca atgccgacgt gaagctcgg 600
gatttgctga tccacgaagg ttctgccaag caccgcgaaa agttcgcggc gaaagtgttc 660
aacgcggata aaacctactt cgtgctgaac ggcacgtcgg cggccaataa agtggtgacc 720
aatgcgctgc tgactcgtg cgatctgggt ctgttcgatc gtaacaacca caagtccaac 780
catcatgggg cgctgatcca ggccggggca acgcctgtct atcttgaggc ancccgtaat 840
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cattcagctc cgcacctacc tatggcacga atctacaacg cccggtcagg tgaatcgacc 1020
aatattcggg cacctttgcg actaacatcc ctctt 1055

<210> 37
<211> 531
<212> DNA
<213> Enterobacter cloacae

<400> 37

caggagtttaa	acgtggtaat	tggacccttt	atcaatgcgg	gagccgtatt	gctgggcggt	60
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atttttggcc	tggcgctcgtt	agggattggt	atccttttag	tggtgaaatg	cgccaacctg	180
ccggtgatgg	tactggcgac	gctgctcggc	gcgctgatcg	gcgaattttg	ctatctggaa	240
aagggcatca	atcacgcggt	aggcaaagcc	aaaaatctga	ttgcccgacc	gggcaaggcg	300
aagcacggca	cgcacgagtc	gtttattcag	aactacgttg	cgatcattat	tctgttctgc	360
gccagcggca	cggggatatt	cggttcgatg	caggaaggga	tgaccggcga	tcccagcata	420
ttgattgcga	aagcgtttct	ggatttcttt	actgccacca	tctttgccac	caccctcggc	480
atcgccgtcg	ccgcgagtc	tcaccacggg	ccggaaggac	cgcgcgatgcg	c	531

<210> 38

<211> 516

<212> DNA

<213> Enterobacter cloacae

<400> 38

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cttcttcccc	ataaattttc	ttgcccgctg	ctatggaccg	gcctgcttta	ccagctctgc	180
ctccatcctg	attttttgcc	gagcgcggtg	gtgggtgcga	tggcaggata	cgccggattc	240
gccgttatct	attggggata	tccgctcatc	tgccgacgtg	aaggatatggg	atatggcgac	300
ataaaaatct	tggcgggcgt	gggggcatgg	catggctggt	gtgtactgcc	agtactggca	360
ctcgtagccg	cgtaaatggc	tctgctgtat	ctggttgctt	tctcgttggt	tactcctgat	420
aagcaggcat	taaaaaaccc	actgcctttt	gggccatttc	tggcggcagc	gggtttatgc	480
gttggctggg	aaagcctgat	taactttcca	ctttga			516

<210> 39

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 39

cccgatattac	gcttcaatga	gtggaagcgg	agggactata	taatgaaagg	tgatgttaaa	60
atcataagtt	atctcaataa	attattggga	aatgagcttg	tcgcaatcaa	tcagtatttt	120
ctccatgcaa	gaatgttcaa	aaactgggga	ctgactcgcc	tcaacgatgt	tgaataccat	180
gagtcatttg	atgaaatgaa	acacgcccgt	aaatacattg	agcgtatttt	attcctcgaa	240
ggcatttccta	acctacagga	tctcggaaaa	ctgggcatcg	gagaagatgt	cgaagagatg	300
ctgcgttctg	atctccggct	ggagctggag	ggtgcaaaag	acctgcgtga	agccattgcc	360
tatgcgga	gcgtacatga	ctacgtcagc	cgcgatatga	tgatccagat	cctggccgat	420
gaagaagggc	acatcgactg	gcttgagacc	gaactggatc	tcattagcaa	aattggccta	480
cagaactacc	ttcagttctca	gatcaaagtg	gaaagttaa			519

<210> 40

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 40

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ctgcccagcg	gtatggtcaa	tatcattggc	gtgggcagct	gcccctcccg	tggtatggat	180
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gctgaattga	tggcagattg	ccaaattttc	tctgtctatc	tggccctttc	tggttaagcat	300
atcagctgcc	agaatgaaat	cggtatgggtg	ccgatttccg	aagaagaagt	gacgcaggaa	360
gacgttgaga	acgttgtcca	cacggcgaaa	tccgtgcgtg	ttcgcgacga	gcaccgtgtg	420
ctgcatgtga	tcccgcagga	atacgcgac	gactaccagg	aaggcatcaa	gaatccgggtc	480
ggtctgtcgg	gcgtgcgtat	gcaggcaaaa	gtgcacctga	tcacatgtca	caacgatatg	540
gcgaagaaca	ttgtaaaagc	cgttgaacgt	tgtggcctga	aagttgacca	actcattttc	600
gccggacttg	ccgcgagcta	ttccgtgctg	accgaagacg	aacgtgaact	gggcgtctgt	660

gtgggtcgata	ttgggtgggtg	tacaatggac	atgggtgtct	ataccggcg	tgcgttacgc	720
cacaccaaag	tgatcccgt	cgaggggaac	gtcgtgacca	gcgatattgc	ttacgctttt	780
ggtagccac	cgagcgatgc	agagggcatt	aaagtgcgcc	atgggtgcgc	gctgggctct	840
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ctgcaacgcc	agacgtggc	agaggtaatt	gagccgcgtt	ataccgagct	gctcaacctg	960
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ctcgcgccg	ggattgtatt	aaccggcg	gcagcgcaaa	ttgaaggct	tgcggcctgc	1080
gctcagcg	tgttccatac	gcaggtgcgt	atcggtgcgc	cgctgaatat	caccggttta	1140
acggatttct	taacgcgcg	tggagtaaaa	cgt			1173

<210> 41

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 41

gcgcgccgtt	cctggcagtt	gaccttaacg	aatggcatca	agctcaacct	tggccgcggc	60
gatacaatga	aacgtctggc	gcgttttgta	gaactttacc	cggttttaca	gcagcaggcg	120
cagacggatg	gcaaacggat	aagctacgtt	gatttgcgct	atgactcagg	cgcagcagtc	180
ggttgggagc	cggctccggt	cgaggaacct	aatcagcaac	aaaatcaggc	acaggtacag	240
gcagaacaac	aatga					255

<210> 42

<211> 657

<212> DNA

<213> Enterobacter cloacae

<400> 42

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tctggtccta	ctgacattta	tagccatcag	gttcgtatcg	tgctggccga	gaagggtgtc	120
agttttgaga	tcgagcatgt	ggaaaaggat	aaccgcctc	aggatctgat	cgatctcaac	180
ccgagccaaa	gcgtaccgac	gctggtggat	cgcgagctga	ccctgtggga	atcccgtatc	240
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gcgcgtgggtg	aaagccgcct	gtacatgcag	cgtatcgaga	aagactggta	ctcgtgatg	360
aacgttattg	tcaacggttc	ctcttctgaa	gcggatgctg	cacgtaaaca	gctgcgtgaa	420
gagctgctgg	cgattgcgcc	ggtatttgg	caaaagcctt	tcttctctgag	cgacgagttc	480
agcctggtag	attgctacct	ggctccgctg	ctgtggcgctc	tgccaacct	gggcgtagag	540
ttcagcggtc	ctggcgcgaa	agagctgaaa	ggctacatga	ctcgcgtctt	tgaacgcgac	600
tctttcctgg	catccttaac	tgaaccggaa	cgtgaaatgc	gtctcggccg	aggctaa	657

<210> 43

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 43

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tatatgctgc	gcgcctttta	tgaatggctg	ctggataacc	agctcacgcc	gcacctggtt	120
gtggatgtga	cgttgccggg	cgtgctgggt	ccaatggaat	acgcgcgcga	cggacagtct	180
tcaccacgac	gctggcagga	tccacgctta	gcgcta			216

<210> 44

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 44

tatactgaaa	ttgctttcag	aaaaacatgc	attgaacctc	aaagtcgttg	tcttctaaca	60
cgcatthaag	gggttataat	ggaaaagaat	agtgaagtga	tccagaccca	tccgcttggt	120
ggctgggata	tcagcaccgt	agacagctac	gatgcgctga	tgctgcgttt	gcactaccag	180
accccaaatc	agctaaaccg	tgatgaagcg	gaagttggac	agacgctgtg	gcttacaaca	240

gacgtcgccc gtcagtttat ctctattttg gaagcaggca tcgcaaaaat agaatctggc 300
gactaccagg aaaatgagta taaacggcat taa 333

<210> 45
<211> 699
<212> DNA
<213> Enterobacter cloacae

<400> 45
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gtaggatctg ccgccgggta ttacgccacg caggcgggtc tgaatgtact gatgattgac 120
gcccattcgt cccccactc tgaaggaagc catcacggcg ataccgtct gatacgtcac 180
gcttatggcg aaggtgagcg ctatgtaccg ctggtgcttc gggctcagac gctgtgggat 240
gagctggccg ccctcaccga agaacgcatt tttgagcgca ccgggggtcg taacctgggg 300
ccagccagct ccacgtttct ggcgaccgtc gaggagagcg cgaaagccta ccgcctggac 360
gtcgagcgtc tggatgcgaa cggcatcatg gcgcgctggc cgaaatttc tgtccctgaa 420
gactacattg ggttggttga agccaactct ggcgtactgc acagcgaaac ggccattaac 480
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ggcatcacc accatgcaga aggttcaacc gtcaccacct ctgaagggtga atataccgcc 600
acgcgtctgc tggtagtgcg gggaacgtgg gtgacgaaac tgctgccgga cctgcccac 660
cacccggtgc gaaaagtctt ctctggggtt ccagttctga 699

<210> 46
<211> 474
<212> DNA
<213> Enterobacter cloacae

<400> 46
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cgtgttttac aagcaaaagc taaaaccagg agctatttaa tggcaacagt taaccagctg 120
gtacgcaaac cacgtgcacg caaagttgca aaaagcaacg tgcctgcgct ggaagcctgc 180
ccgcagaaac gtggcgatg tactcgtgta tataccacca ctctaaaaa accaaactcc 240
gcactgcgta aagtatgccg tgtgcgtttg actaacggtt ttgaagtgc ttctacatc 300
ggtggtgaag gtcacaacct tcaggagcac tccgtgatcc tgatccgtgg cggtcgtggt 360
aaagaccctc cgggtgttcg ttaccacacc gttcgtggtg cgctggactg ctcagggtgt 420
aaagaccgta agcaggctcg ctccaagta ggctgaagc gtcctaaggc ttaa 474

<210> 47
<211> 411
<212> DNA
<213> Enterobacter cloacae

<400> 47
caacggagta atcccatgcc acgtcgctgc gtcattggtc agcgtaaaat tcttccagat 60
ccgaaattcg gatcagaact gctggcaaaa tttgtaaata tcctgatggt agatggtaaa 120
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aaaaatgaac tggaaagcctt cgaagtcgct ctcgacaacg tgcgcccgac tgtagaaatt 240
aagtctcgcc gcgttggtgg ttctacttat caggttccag ttgaagttcg tccggttcgt 300
cgtaatgctc tggcaatgcg ttggatcggt gaagctgctc gtaaacgcgg tgataaatcc 360
atggctctgc gtctggcgaa cgaactttct gatgctgcgg aaaacaaagg t 411

<210> 48
<211> 339
<212> DNA
<213> Enterobacter cloacae

<400> 48
acctttgttt tccgcagcat cagaaagttc gttcgccaga cgcagagcca tggatttatc 60
accgcgttta cgagcagctt caacgatcca acgcattgcc agagcattac gacgaaccgg 120
acgaacttca actggaacct gataagtaga accaccaacg cggcgagact taatttctac 180
agtcgggcgc acgttgctga gacgcacttc gaaggcttcc agttcatttt taccagaacg 240

ctgagccagg gtctccagcg cgctgtatac gattgcttct gcggtagatt ttttaccatc 300
taccatcagg atattttacaa attttgccag cagttctga 339

<210> 49
<211> 555
<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (493)

<400> 49
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gaaccggata ttgcgctcat taataagcac cgacggccag cgaatcgctt gggctttgct 180
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tatgcatcca gagagcaaac ccgctgggaa catctgaccg aactttatcg ctacctggaa 360
ctatccccgt tcagccggtc aatgcaaaaa gaatgtatcc gccatctgca accctatgcc 420
atgcgaactg acaaaaagatt tatgctggcg ggaagaaatg ctcaccttgg ctacataaac 480
aataatgttt atnttcccct cctggttgaaa gtgattcaaa ccgacgcctt gccgaaatcc 540
ttcacctcc gctaa 555

<210> 50
<211> 636
<212> DNA
<213> Enterobacter cloacae

<400> 50
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gtttttgctt actgcagggt ctcaactctg gaacagacca cagaaaacca gcgtcgtgaa 120
attgaagcgg cgggttttgc catcagatcc caacgactta ttgaggagca tatcagtggc 180
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gatgtactga ttgtcaccaa acttgaccgt ctgggtcgta atgcgatgga tatccgaaaa 300
acagtagagc aactggcggc tttagatatt cgcgttcatt gtctcgcaact cggaggtggt 360
gacttgacca gtccggccgg aaaaatgact atgcaggtaa tttctgctgt agcggagtgt 420
gagcgagatt tgctgcttga gcgaacgtat tcaggtattg cgagggcaaa agcggctgga 480
aaacgcttcg gtcgcccccc catcctgagc gaggaacaaa agcaaacagt gacagagcgc 540
ctaaatgctg gcatcagtat cagtgtctatt gcccggaat ttaataccac ccgccagatt 600
atccttcggg taaaggctgg attgctgcaa gagtga 636

<210> 51
<211> 402
<212> DNA
<213> Enterobacter cloacae

<400> 51
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tccaactgcg gcgcatgaa ggcgattgct gacaacgccg atctggagcc gatgccggcc 120
gtttcccaact ggctgcgcta ttctgatgcg gcaaaaagcgg tggaggagaa gaaaacctgg 180
gataagccaa tcgataaagt gaatgcgatg gtgcaggaaa acgtctttgc gcagctgagc 240
aacatcaaga cccatccgtc ggtggcggtg ggcctgcgca acaatgccat tcgcctgcac 300
ggctgggtat atgacatcga aagcggcaaa atccttgccc tggacaagaa cactaaatcg 360
ttcgtgtcgt tgtcggaaaa cccggaagtc ttcttcgagt aa 402

<210> 52
<211> 909
<212> DNA
<213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(8)

<400> 52
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 aaagaagtgg agcgcaacaa gcgcgaaaaa cgcaccgttg cctggcgcta taccgtgctt 360
 cgtctgcatg aagtgggtaca ggccatcgct ccttcaacta atgagcatga cagagagcgg 420
 tttaaattccg ggctggagcg tgtgtttatc gataattatg ccgccattcc accgcagtct 480
 atccgcccgt tactggcgct gcgcgaggca gggatcatta gcgtggctgc actcgggtgat 540
 gattacgata tggatatcgg cagcgatcag accgtcatca ccacggcaaa aaaaagttac 600
 cgcttcgacg tgtttatcga cgcgcgcgga caaaagccgc tcagaaacaa ggacattccc 660
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 gactatacgt tgctggcgcc ggcatactg cggggcgcta tcgcttttgg ggcgatcccc 780
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 gatttttaa 909

<210> 53
 <211> 380
 <212> DNA
 <213> Enterobacter cloacae

<400> 53
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 ggctgtggtg ccctgggcaa cgcaggtaac aaaactgacc ttttgggcgc aaaagtgcgt 180
 gaactcattg ccctggcgct gcgagtcaca acccgctgcg acggctgtat tgcttttcac 240
 gccgacgccg ctgtgaaagc cgggtgcaacc gacgctgaaa ttgctgaagc gctgggcgtg 300
 gcgattaacc tcaacgctgg cgcggcggtc atttcattca gcccgcactt gtctacagcc 360
 cgggatgaag tagcggctcc 380

<210> 54
 <211> 357
 <212> DNA
 <213> Enterobacter cloacae

<400> 54
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 atcatgcagg cgctggctgg ctgttatacc gccaccctta ccatgatggc tgctgaaaaa 120
 gggatcgacc tggacgggat cgagctggat cttaatttcg atatcaacct caacggcttc 180
 cttgggctgg acagcaacgt gcgtaaaggc gcgaaatcta ttcgcgtcga tgttcacctt 240
 acgagcaata ccgccagtcg cgaggagtta gaagcgctgg tcagcgaaat gcaaaaagaat 300
 tcgccaatcc acgatactct ggctaattcc gttgaaatga ttacacgcct ggcgtga 357

<210> 55
 <211> 624
 <212> DNA
 <213> Enterobacter cloacae

<400> 55
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 gaacggctgc tcagcgaaagc agaacacctg atgcgcgaaa aagggtattc agcattcagc 120
 tatgctgatt tatcaaaaat agtgggtatc accaaggcca gtattcatca ccatttcccg 180
 accaaagata ttctgggtga gcaggtggta atacaggcgt tctctgatac acaacgcgta 240
 tttgagcaga tagaggcgac tgagaaaagc gcggagagaa gaattgcggc ttacatcgat 300
 atcttcgcgc aaagccataa agcttcgcta ctgccactgt gttgtgcgtt gtcagcagag 360

accgccaatc	tgcctcaggc	aattactgta	cagacatcac	tttatttoga	tatgcaaadc	420
gagtggctca	caaaaagtcgt	cagggcgggc	atggagtcag	gtgagttttc	atcccatgcc	480
gaaccatcag	atattgcttt	gatgatcatt	aatgtctgtg	aaggctcaag	cgtagtggcg	540
catgcaacgg	ccagacccga	agtcttcgcc	aacagcctta	agtatataaa	actgcttctt	600
aatacccctc	attcaggaga	atga				624

<210> 56
 <211> 786
 <212> DNA
 <213> Enterobacter cloacae

<400> 56						
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gagtcgctta	ctaaacaggg	tgttgagttt	ttgaccgggg	cagacttaaa	acaagttaag	120
gtgggtggtg	atttagttat	ttgtacggtt	atcgctcggtg	aggataactca	cgtaattacg	180
gcagagaaaa	ttcttatcgc	aacagggcgc	cgccctgtga	ctgaaaaact	gaatctggac	240
gctgtcaatg	tgtcggtcgg	tgcgcgtgga	caggtcattg	tcgataagca	tctaatagaca	300
tcgaatccac	ggatctgggc	tgcaggtgat	gttacagggtg	aagcacaatt	tgtttacgtc	360
gctgttgaac	aaggaagatt	agcggcaagc	aatgcacttg	ggggcgagct	ctcctctctg	420
gattacaatg	ccctccctcg	ggttaccttc	acctcccctg	agttggcttc	tgtaggtttg	480
actccattgc	aagctgaaga	aagaggaatc	ccatatgaga	tccgagaact	ccctgtagct	540
tttgttttac	gtgctattgt	cagccgccat	agcgatgggt	taatcagact	ggtttctgat	600
agtcaaaccg	gaacgatttt	aggcgttcac	atggctcagtg	aatccgcagg	tgatgtgata	660
gcagctgcga	cctatattat	ttccgccaat	atgactgtgc	atcagtttagc	aaacatttgg	720
tcgcctgagt	ttaccatgac	ggagtcactg	aagaatgttg	caaaaacttc	ccctataact	780
aactga						786

<210> 57
 <211> 249
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (75)

<400> 57						
ggtcacatga	gccagcaatt	aacctttgcc	gacagtgagt	tttccagtaa	acgtcgcctg	60
acgagaaaag	aaatnttctt	atcccggatg	gatactctgc	tgccgtggcc	tcaactgctg	120
ggcaacattg	aacctgtcta	tccaaaaaca	ggtaatggcc	gccgacctta	ttcgttgga	180
acaatgtccc	gtaatccctg	cctgcaactg	tggtacaacc	tcggtgatga	aacgatggaa	240
gacgcattg						249

<210> 58
 <211> 498
 <212> DNA
 <213> Enterobacter cloacae

<400> 58						
agggagccat	ctatgaacag	tcttttaacg	ctggcgaagg	acttagagca	gaaatcgaaa	60
gcgcagcagc	agactaccgg	cgagatgctg	aaagccgcac	tcagcgagca	cgagaagtct	120
gtcagagcgg	aactgagcga	aagcgagaag	agaatcagcg	ccgccatcct	cgaccacgac	180
cggaagctgt	cctcagccat	gagccagcgc	acgaaagggg	tgctgcgcac	ggtcagccag	240
acgtggctga	ccatcgttct	ggtctccgcg	ctgctgatag	cgtcgagcgc	gggcattctg	300
tgggtggcagg	ggcagcagat	actcgagaac	tatacgacca	tccgggagca	gaagagcacg	360
caggccatgc	tgtcagagag	gaacagcggc	gtacagctct	cgacctgcgg	cgagcagaga	420
cgccgctgcg	tgagggtgaa	cccgggaagcg	ggacagttcg	gagaggactc	gagctggatg	480
atactggcgg	ggaaatag					498

<210> 59
 <211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 59

cacatgacgg	agctggaaaa	acagttgctg	agcgcattag	agcagctaca	gcaggactac	60
tcgaaaaggc	tggacgagtg	ggagaacgcc	ttcgcggaat	ggcggacgat	gtctggtctt	120
attcaacggg	agaacgcggc	gctgaacgag	cgcgtcacgg	tcttgagcag	gcagggtgcag	180
agttttgagc	agcagctgcg	ccggttgctc	aaaggctga			219

<210> 60

<211> 861

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(16)

<400> 60

ccaacattgc	cgagcncgga	cggggggcgga	aacatccgac	tgaagggagc	catctatgaa	60
cagtctttta	acgctggcga	aggacttaga	gcagaaatcg	aaagcgcagc	agcagactac	120
cggcagagtg	ctgaaaagccg	cattcagcga	gcacgagaag	tctgtcagag	cggaaactgag	180
cgaaaagcgag	aagagaatca	gcgcgcccat	cctcgaccac	gaccggaagc	tgctctcagc	240
catgagccag	cgcacgaaa	ggatgctgcg	catggtcagc	cagacgtggc	tgaccatcgt	300
tctggtctcc	gcgctgctga	tagcgtcgag	cgcgggcatt	ctgtggtggc	aggggcagca	360
gatactcgag	aactatacga	ccatccggga	gcagaagagc	acgcaggcca	tgctgtcaga	420
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gaaccccgaa	gcgggacagt	tcggagagga	ctcgagctgg	atgatactgg	cggggaaata	540
gcacatgacg	gagctggaaa	aacagttgct	gagcgcatta	gagcagctac	agcaggacta	600
ctcgaaaagg	ctggacgagt	gggagaacgc	cttcgcggaa	tggcggacga	tgtctggtct	660
tattcaacgg	gagaacgcgg	cgctgaacga	gcgcgtcacg	gtcttgagca	ggcagggtgca	720
gagtttgagc	gagcagctgc	gccggttgct	gaaaggctga	acgcgataga	aactcaccgg	780
cagcaggagc	gggcggtgca	gcaccagaaa	gcgctggagc	tggaacgatc	gcagtggcag	840
catcatggtc	cttcgctatg	a				861

<210> 61

<211> 627

<212> DNA

<213> Enterobacter cloacae

<400> 61

tggcggcaat	ttttctcttt	ttgcttacga	ttcgttgaga	acccgaaaat	gttaaaaaaa	60
ctcttctttc	cgttggtagc	actctttatg	ctcgccggct	gcgcgactcc	gccgacgacc	120
attgacgttt	caccaaaaaat	taccctgcct	cagcaggatc	caagcctgat	gggcgttacg	180
gtcagcatta	atggcgccga	tcagcgtcag	gaccaggcgc	tggcgaaagt	gactcgcgac	240
aaccagcagg	tcacgctgac	cgctccccgc	gacctgcgct	tcctgttgca	ggaagtgctg	300
gagaaacaga	tgacctcccc	cggtacatg	attggcccaa	gcggcgcggt	tgatctgcaa	360
atcatcgtga	acaacctgta	cgctgacgtc	tcccagggtg	acgttcgcta	caacattgcg	420
actaaagccg	atatcgccat	catcgctacc	gcgaagaacg	gcaacaaaaat	gaacaaaaaac	480
taccgtgcga	gctattccgt	tgaaggcgca	ttccaggcct	ccaacaaaaa	tatcgctgac	540
gcggttaaca	gcgtgctgac	tgacaccatt	gccgacatgg	cacaggacac	cagcattcac	600
gacttcatca	agcagaacgc	ccgttaa				627

<210> 62

<211> 372

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(363)

<220>
 <221>unsure
 <222>(369)

<400> 62
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 ttccagcaac cgaaatcagc tatttttgctg atccttggtt tcgcttccgg tttgccctt 120
 gcgctcacct ccggcacgtt acaggcggtg atgacggttg agaacatcga tcttaaaacc 180
 attggtttct tctcgctcgt cggccaggtt tacgtcttta agttcctgtg gtcgccggtg 240
 atggatcgct ataccccacc gttcctcggg cgccgtcgcg gttgggttagc gatgacgcag 300
 gcgctgctgt tgctggccat tgccgcaccg gtttccttga gctgtgaaca aagcggctca 360
 ccnaagggnt ga 372

<210> 63
 <211> 237
 <212> DNA
 <213> Enterobacter cloacae

<400> 63
 cgttgtcggg ggagtgattt catgatgata cgtgaacaga tagaagaaaa attaagggca 60
 gcgttcaacc ctgtgtttct cgaagttgtc gacgaaagct atcgtcataa cgtgccggca 120
 gggtctgaaa gccactttaa agtgggttctg gtcagcgatc gcttcacggg agaacgtttc 180
 ctgaaccgac accgctccat ctgtcttcac tgccgagtgc cggtagcgcg tatgtta 237

<210> 64
 <211> 765
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(757)

<400> 64
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 tattttgaat tttatgaggc ttcaaacatg gtacctgtgg tcgcgcttgt cgggcgcctt 120
 aacgttggaa aatccactct ttttaaccgt ttaacacgca cccgtgatgc gctgggtgag 180
 gatttcccgg ggctgacgag tgaccgtaag tacggtcgtg cagaggtgga aggacgcgag 240
 ttcatctgta tcgataccgg gggtattgac ggtacggaag acggcgtaga aaccgcgatg 300
 gcagagcaat ctctgctggc tatcgaagaa gcggatgtcg ttctgtttat ggtggatgct 360
 cgcgctggcc tgatgccgcg ggattctgct atcgctaaac atctgcgttc acgcgaaaag 420
 ccaaccttcc tgggtggcga caaaactgac ggcacgatg ccgatcaggc cattgaggat 480
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 accagcctgc tggaaaccgt tctgctgccg tgggttgatg aagtaaacc accggaagag 600
 gtggatgagg acgctgaata ctgggcgcag tttgaagccg gagaagaagg agaggaagag 660
 ccggaagacg acttcaacc gcaggatctg cctatcaagc tggctatcgt gggtcgccca 720
 aacgtgggta agtctacgct tactaaccgt attttcnggc gatga 765

<210> 65
 <211> 606
 <212> DNA
 <213> Enterobacter cloacae

<400> 65
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 gacaacggcc gagtcagcgc ggtactgatg cagcagggcc agatgatctg gcagcagcgt 120
 atttcccagg cgaccggttc aactgaaatc gaccgtctga gtgacgtgga caccacgcca 180
 gttatcgctc acgggtgtgg ttacgcgctg gcgtataacg gcaacctgac ggcgctggac 240
 ctgcgtagcg gccagatcat gtggaaacgt gagctgggtt ccgtgaacga tttcatcgct 300
 gacggcaacc gtatttatat ggtggatcag aacgaccgcc tgctggcgct gagcaccgaa 360

ggtggcgtaa	cgctgtggac	gcaaagcgat	ctgctgcacc	gtctgctgac	cgccaccggca	420
ctgtataacg	gcagcctggg	ggtgggcgac	agcgaaggct	atatgcactg	gatcgatcca	480
gagaatggcc	gcttcgtggc	acagcagaaa	gtggatagct	caggcttcct	gacggagccc	540
gttgtggctg	acggcaaaact	gctgattcag	gcaaaagacg	gcacgctgta	cgcgatcacg	600
cgtaa						606

<210> 66
 <211> 462
 <212> DNA
 <213> Enterobacter cloacae

<400> 66						
gttatagtaa	cacatcatcc	ttcattatta	tgtttgaaaa	actctcgggt	acaacccccg	60
aaaagtaccg	caaaaacata	taaccacacc	attaagccaa	gtgactttca	aatgtgtaga	120
actgacaaat	ttcagcttag	cgtcttaaac	accatcattt	ttacaataga	tgcacctata	180
aaaacagggt	tatcaatcaa	tcatttatct	attatttcag	gatatagtaa	atggcatcct	240
caaaaaat	tcaaacacca	ttttggcatg	tcttttaggta	catatattag	acgaaaaaag	300
atagagtatg	ctgctcatga	aattataaat	aaaaaatgca	aaatcattga	tgtagtgtat	360
gatttcaatt	tcagcaatca	atcatcgttt	tgtagaacct	ttaagtcaat	atatgggtga	420
tcacctaag	aatttaagag	tgaacatatt	aaccacttat	aa		462

<210> 67
 <211> 192
 <212> DNA
 <213> Enterobacter cloacae

<400> 67						
aaaggggaagt	gggtgtcttt	ccgtgaatgg	agagcaagag	tgcgtttttt	aaattcgcta	60
ccattattga	ggacagaaaa	aaccatccaa	gagatatctt	atttgctagg	ttatagtaac	120
acatcatcct	tcattattat	gtttgaaaaa	ctctcgggta	caacccccga	aaagtaccgc	180
aaaaacatat	aa					192

<210> 68
 <211> 360
 <212> DNA
 <213> Enterobacter cloacae

<400> 68						
tcatgtctgt	ttttgtgttt	cttttgtcct	tttatgttaa	ttattttcaa	caccatgtgc	60
gttattataa	ttgccactga	actggaaaaa	aggtgtatca	tgaaaaacgt	cctctcattg	120
tcattgctac	tatttatttc	aagtgggtat	gcagcttcag	aagtcaccta	tttaaaccct	180
acacctcaag	gagcggtag	aattgggtgag	gtaagcttct	ttaaagcagg	aagtgcacag	240
cagtcagaag	taattgggtc	actatcaaa	aaagcagatt	cattgggtgg	gactcatttc	300
gaaatttcgt	cacttaattc	ttccgataat	acgtatgcaa	ccgctattgt	gtacaagtag	360

<210> 69
 <211> 216
 <212> DNA
 <213> Enterobacter cloacae

<400> 69						
acgttgggaa	ctgtgctgtt	tctttgcttt	agtatcggat	tggcaatcac	aatggtagct	60
atcgggtgctg	ttgcagctgt	aagcgtagaa	caggcatcaa	agcgttggga	cgggttggat	120
gttttagccc	gaagagcacc	atatttttca	agtgccttga	ttgcgttagg	gggaatttat	180
atgggttatc	acgatgggtt	gggcataaca	aattga			216

<210> 70
 <211> 312
 <212> DNA
 <213> Enterobacter cloacae

<400> 70
 ccggattttg atttaccaaa cacaacctgg caaccaccca agctggacct tgaaaatatt 60
 ctggaacctt caccagacg catctggccg gatgcttacg aacgtctgct gttggaaacc 120
 attcgtggta tccaggcgct gttcttccac cgcgatgaag tggaagaggc gtggaagtgg 180
 gtcgactcca tcaccgaagc gtgggcagcc gaccaggacg cgccaaaacc gtatcaggcg 240
 ggaacatggg gacctgtcgc ctccgttgcg atgatcacc gtgatggccg ctccctggaac 300
 gagtttgaat aa 312

<210> 71
 <211> 885
 <212> DNA
 <213> Enterobacter cloacae

<400> 71
 attagaggag cttttatgaa tccgacattg ttacgcgtaa cacaacgcat tgttgaacgc 60
 tcgaaagaga cccgtgctgc ctaccttgcc cgcacgaac aggcgaagag tgaaacggtc 120
 catcgctcac agctggcctg cgggaatctg gccacaggct ttgcggcctg ccagcctggg 180
 gataaagacg cgctgaaaag catgttgctg aacaatatcg ccatcattac ctccctataac 240
 gacatgcttt cagcccacca gccgtatgag gtctaccctg ctatcatccg caatgcgctg 300
 cacagcgtga acgcggtggg ccagggtgca ggcggcgtgc cggccatgtg tgatggcgta 360
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 gcggcagtgg gcctgtctca caatatgttt gatggcgcg tttatctggg cgtgtgcgac 480
 aaaatcgcc cggggctggg gatggccgcg ctgtcgtttg gccacctgcc agcgattttt 540
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 ctgtatgccg aaggaaaagc ggaccgtcag gcaactgctg aagcggaagc cgcgtcttat 660
 cagcgccggg gcacctgtac gttctacggt acggccaaca ccaaccagat ggtggtggag 720
 tatatgggga tgcagctacc gggctcgtcg ttcacccagc cggatgcgcc actgcgtaaa 780
 gcgctgaccg aagccgcac ccgtcagggt acgcgcctga ccggtaacgg caacgagtg 840
 atgccaatgg gcaaaatggg ggatgaaaaa gttatcgtaa aacgc 885

<210> 72
 <211> 387
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (43)

<220>
 <221> unsure
 <222> (281)

<400> 72
 caaaatggac gtcacatgct tacgtgttat gcgcttaatc atntccgcac caaaacccaa 60
 ttggcaacgg cagcagggtg aaaactgcaa tccatttaca attggaaaga gcttgtaacct 120
 gaaacccgtg ctcaccggct tgaaacaacc ttcgggcggg ttctgacatt ccacaaaacc 180
 attttgaac cacaccgtaa agcacaaca actgggaaaa agaatacctc cccccccca 240
 agggactcga atttatggaa attccaaccg accccttcca ntgcgttctg cttggctggg 300
 gcggcggaat taagggaggg cctttccccg gaggggaatc ccgcacaaat taccgccgcc 360
 agggggggcc caccttcccc tgggtgg 387

<210> 73
 <211> 423
 <212> DNA
 <213> Enterobacter cloacae

<400> 73
 aattgtctaa ctatgaaaaa tatgaacagt ctgggacagc gaatccttgc cagacgcaag 60
 gagctgaaat taactcaacg agaagccgcc aaactcgag gcgtagcgca tgtaaccatt 120
 tcgcaatggg agcgtgacga gacgcagccg gtaggtgcaa gattatttgc gcttgcaaa 180

gctcttttct	gcaccccaac	atggctgatg	tttgggtgatg	acgatcaagc	tccagttcca	240
gcagaagata	tccaattagc	gccgcaatta	tctgacaagc	acagagagtt	aattgatctc	300
tacgattccc	tgccagagtc	agagcaagag	gcacagctcg	agcaattgcg	tgctcgcgtg	360
aaaaacttca	ataagctctt	cgaagaatta	ctcaaagcca	gacagcgcca	atccaaaaaa	420
taa						423

<210> 74
 <211> 1260
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (44)

<400> 74						
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ttatttgtac	ctcttcctgg	gtattttattt	ggctatcacc	tggagtcggg	ggatattatg	120
aagatgaaat	gcaataacag	gttactcaga	ttatctgcct	ccctgacctt	aatttcggtg	180
gtgggtgactg	cggctaattgc	aaataacggc	caggcgggga	tatctcccgt	tgccggcaatg	240
acgatgaaag	aaagtattct	tttcgctctc	gatcgcgacc	cctcgggtgag	tcagcaggcg	300
gcacagctgg	ggatcggcca	ggcacaata	gacgaagcgc	gcagtggctg	gatgccacaa	360
atagccctga	acgggcgtac	aggtcacagc	cagaccaccg	attcaagcgg	ctcgttgcca	420
aattccgcag	cctggggcct	gagtcgtgacg	cagctggtgt	acgatttttg	caagaccaac	480
aacagcatca	gccagtcttc	agctcagcgt	gacagctatc	gctaccagct	gatgagcacg	540
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gatgtcctgc	aaaaaatcct	ccgtcgcaca	ggccgactgg	accggggcgc	gtggactaat	1200
ggaagccggg	aaacgtcagc	tggaaaatgc	gttgcgcgcc	cgcgatgtct	acaaaaatga	1260

<210> 75
 <211> 1197
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (1156)

<400> 75						
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gcaagcgtac	aggcaaaaac	cctggtttac	tggtctgaag	gctctccgga	aggctttaac	180
ccacagctct	ttacctcttg	tacgacttac	gacgcaagct	ctgtaccgat	ctataaccgt	240
ctgggtgaat	ttaaaaccgg	caccacggaa	gtgattcctg	gcctggctga	aaagtgggat	300
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gaagggatgg	gtctgccaga	cctgatcgct	gaagtgaata	aagtggacga	taaaaccgtc	540
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gacctgaacc	caatcgggtac	cggcccgttc	cagctgcttc	agtaccagaa	agattcccgt	720
attctgtata	aagccttccc	gggctactgg	ggcaccaagc	cgcagatcga	ccgtctggtc	780

ttctccatca	cgcctgacgc	atccgtgcgt	tacgcaaaat	tgcagaaaaa	cgaatgtcag	840
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ctgctggagc	aggcgggcct	gaacgtgggt	tatctctcct	tcaacaccga	aaagaaaccg	960
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aaagccgttt	accaggggcg	aggcgttgcg	gccaaaaacc	tgatcccacc	aaccatgtgg	1080
ggctataaca	acaaccttaa	ggactacacc	tacgatcccg	agaaaaccga	aaccgttgct	1140
gaaaaaaacc	ggccangaac	aaggctttac	cgccaacctg	tgtgcgatgc	cggttaa	1197

<210> 76

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 76

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gtgatgatgt	cgaaaagcac	cgtttatcgc	tttttgacga	cgatgaaatc	attgggttat	180
gtcgcgcagg	aaggagaatc	agaaaaatat	tctctgacgc	tgaactgtt	tgaactgggc	240
gcccgcgctt	tgcaaaacgt	ggatctgatc	cgcagcgctg	acattcagat	gcgtgaactt	300
tcacgattga	cgaaagagac	aattcacctc	ggtgcg			336

<210> 77

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 77

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tctgatggcc	tgcccttacc	gcagaggtac	ggggcaattg	ccactattgt	catcggtatt	120
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<210> 78

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 78

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gctgacctct	cgattgatct	cgtatccaga	aaagtcagtc	gcgccggaaa	ccgcattgtg	480
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atcgatgtcg	cagtaaagcg	actccgcgct	aaaatagaca	acgattacga	gacaaagctg	660
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<210> 79
 <211> 342
 <212> DNA
 <213> Enterobacter cloacae

<400> 79						
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gcttttatcg	cattcacctg	gtttatgctg	cattctgttg	aaaatcattt	tgccgagcag	180
gatgtcagcg	atcttcaaca	aatcagcacc	acactgaacc	gtatactgca	gtccccggtg	240
gatccggatg	ataaaaaaat	aagcaaaaata	aaggaatcaa	ttgccagcta	ccgcaacggt	300
gcccttttgc	tcctcaatcc	caggggggga	agtgtctctt	ag		342

<210> 80
 <211> 603
 <212> DNA
 <213> Enterobacter cloacae

<400> 80						
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gacgatcaat	attttcatct	tgctccccgg	ctggctgcta	atgtcattct	attgcgcca	180
cgatcgttat	caacggatta	cagcaaaaat	gacaacattg	tcattatcct	gtcaccggc	240
aaacagagag	cgttaggtaa	agtaccctta	tcaatactct	ggacttcatt	tgaaccattt	300
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<210> 81
 <211> 1296
 <212> DNA
 <213> Enterobacter cloacae

<400> 81						
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gcggaactga	gcgataacac	gctggctttg	tatgcgcaa	accgtttcgt	gctcgattgg	180
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gtcaatgtgg	cagccccctgc	acaggcgggc	cccgtctccag	cgctcgcgt	tgcaccggct	360
cgtcagggct	gggataacgt	tccggccccc	gctgagccta	cctaccgctc	taacgttaac	420
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1296

<210> 82

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 82

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gaaattctga	agtggaccgc	agaagggaag	acgtcggcag	aaatcgccat	cattctttcc	180
atctcgga	ataccgtcaa	tttccaccag	aagaatatgc	agaagaaatt	caacgcaccg	240
aataagatcc	agatagcgtg	ttatgccgcg	gcgacgggac	ttatctga		288

<210> 83

<211> 461

<212> DNA

<213> Enterobacter cloacae

<400> 83

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aagggtatta	aagttgccg	cgaggcggtc	tgtggcgaag	atgccgtcaa	atgggtgtcgc	180
gctaactccg	cagacgtggt	gctgatggat	atgaacatgc	ccggtattgg	cgggcttgaa	240
gccacgcgca	aaatcgcgcg	catgttcgtt	gataccttag	ttatcatgct	gaccgtccat	300
accgaaaatc	cgctgcctgc	cagagttatg	caggcggggtg	ctgccgggta	tctcattaaa	360
agcgccgcgc	cgcaaggaag	tggtcaatgc	gatccgccac	cgtatacccc	ggggcaaggt	420
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<210> 84

<211> 225

<212> DNA

<213> Enterobacter cloacae

<400> 84

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gtgatcatta	aaatggaaaa	acagatcgcg	cagatggaag	accaggcgga	atccgctggt	180
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<210> 85

<211> 366

<212> DNA

<213> Enterobacter cloacae

<400> 85

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gaagcctgcg	atgtcattcg	aaatacgctt	gaaattgttg	tcggttttac	gcgcgatgat	360
atctga						366

<210> 86

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 86

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atcaggggtgt	gggttttagcga	tgcacgtgtt	ttcagagatg	aagtctgtgc	agtaaaaaat	120
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aaatttaaaa	aacttgtcgc	gttaggggtt	aaacgctttc	agggatatta	tctttcccg	840
gcggttaaag	aagaagagct	tgatcgaatg	gtacggctat	ttagttaa		888

<210> 87

<211> 558

<212> DNA

<213> Enterobacter cloacae

<400> 87

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ggaagggaatc	attcctctgt	gtatgagtac	ccgctattaa	ccgaagtaca	ggctgggtca	180
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tatgttcgag	aagatgggaa	gccatggctt	gaacctctaa	accccagccc	tcgctatcag	480
gccattgaat	gtaatgagaa	ttgcaggata	ataggcaaag	ttgttaaggc	ccaatggcct	540
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<210> 88

<211> 467

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(399)

<220>

<221>unsure

<222>(404)

<400> 88

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cgtctccttc	ttcgtgtttt	gctgtttcga	cggtgtccgc	gctgggtctg	tctccgcctg	180
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ccgcaggttg	atgttgagtac	ccctgtacgg	cgcgcgcan	tcancacgct	ggcgctgccg	420
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<210> 89

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 89

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<210> 90

<211> 195

<212> DNA

<213> Enterobacter cloacae

<400> 90

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gttttcaggc	cagacctccg	tggcaaacct	gtggttgtag	tatccaataa	tgatctgagt	180
ggtgagaagt	gtag					195

<210> 91

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 91

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gatgcgggaa	agacggctgt	tattgatgct	ctccggttgg	tattaggaac	ccgcgatcag	180
gagatgctgc	gtatagatat	gttaattatg	caccattggg	gggaggcaaa	atctcgaact	240
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<210> 92

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 92

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<210> 93

<211> 931

<212> DNA

<213> Enterobacter cloacae

<400> 93

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cgaagagatt	gctgtgttcc	aggccttctc	acgggtgatc	cgtgaagcgg	gtaaacgggtt	900
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<210> 94

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 94

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cccatccaa	taataaacgc	cccgatcaga	tttgccgcca	gtgtccocat	cggaatggcc	180
tga						183

<210> 95

<211> 945

<212> DNA

<213> Enterobacter cloacae

<400> 95

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<210> 96

<211> 396

<212> DNA

<213> Enterobacter cloacae

<400> 96

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ggctgggcgc	tgacgaacat	tgccgttaac	atgcttggct	cgtttgcgat	gactgcgac	360
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<210> 97
 <211> 456
 <212> DNA
 <213> Enterobacter cloacae

<400> 97
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 gtcagtcatg tgaattcctc gacgcatgaa aacttaccgg acaggggttaa taaaaacaac 180
 acgcccctcat tctctgaaat gaatgaacat gaaagggcca ttgttgctca ttcatttatg 240
 aacaacagcg cgtcctatgc gcatcagaaa atgattgagg aacataaaaa aatgctgtcc 300
 ggcagtgatg caaattcaaa gacctcgtct tcttctttta acgaactgaa tggcggagaa 360
 aaagccgctc tcgtgcatga gcagggtcaat aatgccggtg cggaagcaca tcagacgcag 420
 gcaagaaagc ttcgcgggct gtattcgacc aggtaa 456

<210> 98
 <211> 839
 <212> DNA
 <213> Enterobacter cloacae

<400> 98
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 cggcgctgga gcgtgagggg tcatccctgc tgggagccga tgcaggcgaa ctggcgggcg 180
 cgggcaagac aggcgtaacc gtacagagca gccttgaggc agtgaaagaa gactttgatg 240
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 aaggacatac cggcgaacgc gtgcccgga caattgggtt cgcaaccggt cgtgcaggcg 660
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 acgcgaagga aaagggtctt tttgatatgc gagatgtgct tgatctcaat aatttgtaa 839

<210> 99
 <211> 390
 <212> DNA
 <213> Enterobacter cloacae

<400> 99
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 ggggaagtcg ttttcaatac ttcaatgacc ggttatcaag aaatcctcac tgatccttcc 180
 tattctcgcc aaatcgttac tcttacttat cctcatatcg gcaatgtcgg caccaatgcg 240
 gctgacgaag aatcctctca ggtacatgcg caaggcctgg tcattcgcga cctgccgctg 300
 attgccagca acttcgcaa caccgaagac ctctcttctt acctgaagcg ccataacatt 360
 gtggcgattg ccgacatcga taccgtaag 390

<210> 100
 <211> 1269
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (1251)

<400> 100
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gacggctata	tcagcgccct	gctgcgccgt	ggcgaactgg	aaggcaaac	agggcagacc	180
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cgcaacacgt	actggaaggt	gcgccaggcc	gtcgaaaccg	caaaagagag	cctctacagc	420
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attgccgccc	gtatcaaagc	ggcaaaagat	cttggcaata	tgccgccaaa	catctgtaac	600
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aaccgggtgc	cgcattggacc	gatcggcgca	tttgtcacia	ccgcctgat	nggtccgcag	1260
tattggggt						1269

<210> 101

<211> 2103

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (258)

<400> 101

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ggtgataacc	ccgccgatac	cgcgatttat	gaccgcattg	aagtggttcg	cggcgccacc	420
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<210> 102

<211> 492

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (344)

<400> 102

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gcgcgggata	atggaattaa	tgacaatctg	ctgtttacct	ggcgccagcg	ttacagacat	180
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ctgcctgata	tggccctgtc	acaccatgct	gagccgcact	atgaaaccgc	cgctccagcc	300
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ggatttatca	ccttgcaact	cttgaaaacg	ctgatccgcg	cacctgaccg	gggagggagc	420
cgaatgattc	cccttaccgt	ccggggcactc	cgtattctgg	ctggggttgcc	ggggttcccc	480
aaaaatgctt	aa					492

<210> 103

<211> 726

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (547)

<220>

<221> unsure

<222> (649)

<400> 103

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ggtgctcccc	aaaatgcttc	cccagacaag	gtaaagcaga	gactaatcaa	ttctgttcaa	540
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acactggaag	taagagcaaa	ggaagatgtg	gacgtgaaag	acgtagtana	gcttggttaa	660
caagaacttt	atgagcattt	caaaaataga	acacgcaact	gtgggcatcg	actggaatta	720
cgatga						726

<210> 104

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 104
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 gaaattgggc tactttccga gattttccat ctactggggg accagtcaag actacgaatc 180
 ctgctttact gtatgcgtgg ttccgtctct gtaggtgaca ttgctgagtc gctccagtta 240
 tcacaatctc tggtcagtca tcatctgagg ttgttgccgg gtgcaagact cgttcgagga 300
 gagagaaagg gcaagtacat cttttatagc attatggatc agcatgtaag ccatgttctt 360
 caggatatgg catttcacat agcagaataa 390

<210> 105
 <211> 285
 <212> DNA
 <213> Enterobacter cloacae

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 gagcaccccc gcaaaaacaa agccgccatc atactcgaat acctgaaagc cagcatcagg 120
 gcaaagggtg agcaccctgt taggggtatt atacgtcagt ttgggttttat caaagcacgc 180
 tacaaggggt tgatgaaaaa tgactcacag ttagcgatgc tattcacgct agcgaacctg 240
 tttaaagtgg atcagatgat acgacgcagc actaaatccg cctaa 285

<210> 106
 <211> 435
 <212> DNA
 <213> Enterobacter cloacae

<400> 106
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 gcggcctacg gcagtgaatc cattagaaac agcttgccgc aggcaatcgc gcagcgagaa 180
 aaggagagag agcaggagca gcgccacaaa aagaagaccg acgccgtcac ggccgggggg 240
 tgcagaaggg gcaaaaaccc gcagagggca acaacaatca acaaaagcag gagatccaga 300
 ccgcgcaaaa cgaaccggac aaacagagca aaaccagaac cgacgggcga ggcaaaaccg 360
 ggagccgca gaaagaagga gaggaaaaag gaacgcagga ggagcaggca gaaaggacgc 420
 aatccagccg gataa 435

<210> 107
 <211> 510
 <212> DNA
 <213> Enterobacter cloacae

<400> 107
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 ggaagcacac tgctggccgt tgccctcttc ctccaggggc cgctgaccat catcaccctt 120
 tctcttgata tcgcccacaa ggtgagcgat cgggaaggta tcgacctgat cctgctcggg 180
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 agcgccagtc aggaggcgga tgccgaagtg aagcgtgcca tgctggccgc aagccaggcg 360
 cactgggtag tcgccgacca tctaaaactc aatcagtgcg aaccgtatct ggtgtcaggg 420
 ttatccgaga ttcataact gtttttagat cgtccctggg cagagctcgg ggaccatagc 480
 gccgtgcagg ttaccgtttg cgcacattaa 510

<210> 108
 <211> 1143
 <212> DNA
 <213> Enterobacter cloacae

<400> 108
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 tttgtgggta agacgttcca tgccccgctg atccagtcgg ttgacggcct gaagctggcg 180

gtgatctcat	cccgggatga	agagaaagt	aaacgcgac	tgccggacgt	gctcgttgtc	240
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tcagaaacgg	gtacaactca	cgaactggac	ttaacggcgc	atgatcgcg	gcaactgcaa	1140
taa						1143

<210> 109

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 109

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gttattgacg	taaacgatgc	cgttatgctg	cttatcgatc	accagagcgg	gctgttccag	180
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gccgttgctt	ccgaaattca	gcgcacgtgg	aaccgtgaag	atgcgggtga	atgggcagag	660
gtgtacacac	acatcttccc	tgtctaccag	ctgctgatcg	aaagctacag	caaagcgag	720
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<210> 110

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 110

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tcgcagaaag	ccggtgaatt	gaaaatgatg	cagctgtggt	tcaacctgcc	cgccaaggac	120
aaatggggaa	cgcttgata	ccagagcatc	actcaggcgg	atatcccggg	ggtcaccctg	180
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<210> 111

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 111

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tgtttgctgg	cccaaccggg	cgtgaacatt	gccgggcgag	ttatgcagtt	aggtgatgcc	300
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caggcggttt	aa					372

<210> 112

<211> 972

<212> DNA

<213> Enterobacter cloacae

<400> 112

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gatgcgccaa	cggaagtgtg	gggcaatcat	tttaccgcgc	gtatcgcgcc	ggataacatt	180
aaccagtggtc	tcagcggtt	tttctcccg	gacgttcagt	tgcgctgggt	tgggcctg	240
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tttctgctga	ccagcgaggc	ctcgctgcga	gatttacaaa	aacgttgcaa	agccagcggtg	360
cagatggagc	agtttcgccc	gaatctgggt	gtgaccggag	cgaggccctg	ggatgaagat	420
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gtgctactgg	aacaactgga	acaggcggtg	atccgcgtac	cgtattcctg	tcgcgcgggg	840
atttgcggtg	gctgtcgcat	taaactgggtc	gatggtgaag	tgagtgcctt	gaagaaatct	900
gcgattggcg	gtgacggcac	gacccgtgtg	tgtagctgtg	tcccgaaaac	atccgtacag	960
ctggaagcctt	aa					972

<210> 113

<211> 792

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (60)

<400> 113

aacagggggc	atcggtattc	ccgggtgttg	gcgattgtgc	tggttggtgcg	atctttattn	60
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attctggttg	agaagtttgc	ctatggcatc	aaagatccga	tctaccagaa	aacgctgatc	180
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ctggattata	ttaaaccgcg	ggtaggctctg	ccgggcgata	aagtgcctta	cgatccgggtg	300
gcgaaagagg	tgaccattca	gccaggctgt	agctctggaa	ctgcatgtga	aaatgcgctg	360
ccagtcactt	actccaacgt	tgagccaagt	gattttgtgc	agacctttgc	ccgccgtaac	420
ggcgggtgaag	cgaccagcgg	attcttccag	gtgccaaaag	gtgaaaccaa	agagaacggt	480
attcgtctgg	ttgaacggaa	agagacgctg	ggcgatgtca	ctcaccgcat	tctgaccgtg	540
ccaatcgcac	aggatcaact	ggcaatgtac	taccagcagc	caggccaaca	gctggcgacc	600
tggattgtgc	caccgggaca	ctacttcatg	atgggtgaca	accgcgataa	ctctgcggac	660
agccggttact	ggggctttgt	gccggaagcg	aatctggtcg	gtaaagcaac	cgctatctgg	720
atgagttttg	agaagcagga	aggcgagtgg	ccgaccggcg	ttcgctgaa	tcgtattggc	780
ggaattcatt	aa					792

<210> 114

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 114

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aatctgcttg	ggcagaagat	ttctatcacc	tcgcgttaagg	cgagaccac	gcgtcaccgc	180
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cacatggaag	agaagcgcgc	cattaaccgt	ctgatgaaca	aggcggcgag	cagctccatt	300
ggcgacttag	agctggtgat	tttcgttggtg	gaaggcacc	gctggacgcc	ggacgacgaa	360
atggtcctga	acaagctgcg	cgacggcaaa	acgccggtga	tcctcgcggt	caataaagt	420
gacaatgtgc	aggaaaaagc	cgatctgctg	ccgcacctgc	aatggctggg	cagccatatg	480
aacttcctcg	acatcgtctc	gctgtctgcg	gacacgggtc	tgaacgttga	t	531

<210> 115

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 115

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tggttttctc	aggtcggttt	cggtgctgc	atctttgacg	cattcattta	ttggatcgc	120
atgaacccca	tcgtaattaa	tcggcttcaa	cggaagctgg	gctacacttt	tcacatcag	180
gagttgttgc	aacaggcatt	aacccatcgc	agtgccagca	gcaaacataa	tgagcgtctc	240
gagtttttag	gcgactctat	tttaagtttc	gtgattgcaa	atgcgcttta	tcacgtttt	300
ccgcgtgtgg	acgaagggtga	tatgagccgc	atgcgcgcca	cgctggtgcg	cggaataacc	360
ctcgctgaaa	tcgcacgcga	gtttgagctg	ggtgaatgtc	tcgctctggg	gccagggtgag	420
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caagaatatt	tgcagggtcg	tcacctgcgc	ctgccatcct	atctggtggt	gcagggtacgt	660
ggcgaagcgc	acgatcagga	atttaccatc	cattgccagg	tcagtggcct	gagtgaaaccg	720
gtggtcgcca	cgggttcaag	ccgtcgtaag	gctgaacagg	ctgccgcgca	acaggcggtta	780
aaaatgctgg	agctggaatg	a				801

<210> 116

<211> 1307

<212> DNA

<213> Enterobacter cloacae

<400> 116

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gaacagtcgc	tacggcgaaa	tctcagcaac	cgtcacattc	agcttattgc	cattggcgga	120
gccatcgga	cagggtgtt	tatgggtctg	ggcaaaacca	tcagtcttgc	cgccccgtcg	180
atcatcttcg	tttatatgat	catcggtttt	atgctctttt	tcgtgatgcg	tgcaatgggt	240
gaattgctgc	tctcgaatct	tgaatacaaa	tccttcagcg	acttcgcgtc	agacctgctc	300
ggccccgtgg	cgggctattt	taccggctgg	acctactggt	tctgctgggt	ggtcaccggc	360
atggctgacg	ttgtggccat	cacggcggtac	gcgcaattct	ggttcccagg	gctatcggac	420
tgggtggctt	cgctggcggt	gattgtcctg	ctgctgagcc	tgaacctcgc	caccgttaa	480
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gtgtaccgca	aacagcgtcc	acacctgcat	gagaagtcga	tctacaagat	gccgctgggc	1260
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<210> 117
 <211> 636
 <212> DNA
 <213> Enterobacter cloacae

<400> 117
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 ggcacgcgct tgcaggtagg acagcagctg agcgaatccg gcctggaagg tctgttaccg 120
 gaagcgcctg tggcgggtat cgctgacgcg ctggaaggca agcagcccgc tgtgccggtt 180
 gacgttgtgc accgtgcgct gcgtgaaatc cacgaacgtg ctgacgccgt acgtcgcgcg 240
 cgtttcgaag agatggcggc agaaggcgtg aaatatctgg aagagaaccg tgagcgtgaa 300
 ggcgtgaaca gcaccgagtc cggcttgcag ttccgcgtaa tcaatcaggg tgatggcgca 360
 atcccgccgc gtaccgacca cgttcgcgta cactacaccg gtaagctgat cgacgggtacc 420
 gtgttcgaca gctccgtagc gcgtggcgaa ccggctgagt tcccgggtcaa cggcggttatc 480
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 ccgcacaacc tggcttacgg cgagcgtggc gctggcgcgt ccattccgcc attcagcacc 600
 ctggtgtttg aagtcgagct gctggaaatc ctgtaa 636

<210> 118
 <211> 1200
 <212> DNA
 <213> Enterobacter cloacae

<400> 118
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 tattacatcc aagtgagcat gatggtgaaa aaattcaaaa agttactttt agagttcatt 180
 gtagcagtta tgccttcgct ttctataccg ggtatggcta tggcagcaga tgctggagtc 240
 cctggggcta tgtgtcagtc agctggagtg tggcagggtc tgattaagaa tatctgttgg 300
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 tcacgtccgg gttgctactg cacagatcag aacggcgtac cggaaatagg ttggcaattg 420
 agcttctttc agccggtgaa gattgtagaa gttgtaaaga gcccctggtg cagccccttt 480
 cttgaaggca cgatgcttca aaaatcgag tttgatattg gtaaaagcaa cacaatcag 540
 ccaatgacag caactgaagc cggattttac gatgttcac tttgggagtt cccaatcatg 600
 acaatgctca aattactgat tattggcgag tgcactgctg aaccctatat agatgccagc 660
 ctgacctata taagcgaagt ggaccctatg tgggaaagtg atctgcttac actcgtcctg 720
 aatccagagg cagtagtttt tgcaaaccac attgcctcaa tgggtgtgcg tgctgactgt 780
 gtgacagtaa cagcaggaaa ggataatctc gctgcatact tttgtgccg atgcgatggc 840
 aacctttatc cattaaccgg ccacatgtac gcaaatgatg acgctgtaag gacgagttca 900
 ctgataaacc atcgtcttct gactaaacta catcgccagg gaatgctgat gcgaacgatg 960
 ggagcagacg caatgtgtga gaaaacgtgg gaatacttta cacctcgttc ccagtatcgg 1020
 ctttcaatgc ttttcccaac tctgaggcg aaagggccgg attgctgtca tcgtcttggg 1080
 gattcggtag atgactggtc aacccttaaa ggtgggcgca aaaaaatagg caatgataat 1140
 tatgtctata tgttgtggcg ttacaatgac tgttgcgtca gatataatcc aggcgcttga 1200

<210> 119
 <211> 879
 <212> DNA
 <213> Enterobacter cloacae

<400> 119
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 ccgtggggaa gcagcaataa tcaaggcggc aactctgggg gaaatggcaa caaaggtggt 120
 cgcgagcagg ggccgccgga tctggatgat atcttccgca aactgagcaa aaagcttggg 180
 ggccttgccg gaggaagg tcttggtcgc ggtggcaatt ccaactcagag tccgcgcccg 240
 ccaatgggtg gccgcgtggt gggcattgtc gccgctcgg tagtaatcat ctgggcagcc 300
 agcgggttct acaccattaa agaagcagaa cgcggtgtgg tcaccggtt cggtaagtcc 360
 agccatctgg ttgaaccggg cctgaactgg aagccgacct tcattgatga cgtgaccgcg 420
 gttaacgtgg agtccgttcg cgaactggcc gcctctggcg tgatgttgac ctctgacgag 480
 aacgtggtgc gcgttgagat gaacgtacag taccgcgtga ccgatccgga acgttatctg 540

tttagcgtga	ccagcgccga	tgacagcctg	cgtcaggcga	ccgacagcgc	cctgcgtggc	600
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gatacccagc	gtgagctgga	agagaccatc	cgcccgtaga	acatgggtat	caccctgctg	720
gacgtcaact	tccaggctgc	acgtccgccc	gaagagggtg	aagccgcctt	tgacgatgcg	780
attgccgcgc	gtgaaaacga	acagcagtac	atccgtgaag	cggaagcgta	caccaaggac	840
gttcgtcttc	acctcggaag	agcggatccc	cgtagagct			879

<210> 120

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 120

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ccgattcggg	tctggctgta	tgtcaggcc	gggattgggtg	tgccactgct	tttcaggct	120
ttgacagaac	gtctttccgg	tgaggtagct	cagcacacgc	tgcgactgcc	gccacaggaa	180
ggcaggctgc	gcagccggtt	ttatcagctt	caggcgatag	aaaaagagtg	gatggaggat	240
gacggcagcg	tggggatgca	ggtgcgtatg	ccgatcgttg	actggcgctg	cctctgtaaa	300
caagaacctg	cgctggcgga	ctatatcgctc	tga			333

<210> 121

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 121

ggacatcatc	accccgtttt	agggattgtg	ataaaatgcc	cgctctctgg	tgaaacccaa	60
caggaaagaa	tcatgatgag	cctggccggt	aaaaaaatcg	ttcttggcgt	cagcggcggt	120
attgctgcct	ataaaacgcc	agacctgggt	cgccgtttgc	gcgagcgcg	ggccgacgta	180
cgggtcgcg	tcaccgaagg	cggcaaagcc	tttatcaccc	cactgagcct	gcaagccgtc	240
tcgggatacc	cggtatccga	cagccttctc	gacccggcgg	ccgaagccgc	aatgggccac	300
attgagctgg	ggaaatgggc	cgatctggtt	atccttgccc	ccgccacggc	agattttaatt	360
gcccgcctgg	caaccggtat	ggcgaacgat	ctggtaacga	ccatttgctt	cgccacgcct	420
gcgcccgtcg	cggttgtgcc	cgcaatgaac	cagcagatgt	accgcaacgc	cgctaccag	480
cacaatctgg	acacgctggc	ctcgcgcggc	ctgctgattt	ggggaacgga	cagcggcagc	540
caagcctgcg	gggaaattgg	gggcagggggt	tttctcaac	ccattaacga	ttgttga	597

<210> 122

<211> 204

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (153)

<220>

<221> unsure

<222> (155)

<400> 122

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aaccatttaa	cgattgttga	tatggccgcc	gccattttct	cccctgtcaa	cgatctgcaa	120
catctcaaca	tcatgaatac	cgcgggcccc	ccnncnaaac	cgctgggatt	ccgtgcgtta	180
catcaacaac	caaaggttcg	ggaa				204

<210> 123

<211> 852

<212> DNA

<213> Enterobacter cloacae

<400> 123
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 gatgatgtcc ttaattcact ttgcgagggc ttacgcaaga acgaaatgcc agcatcgaac 120
 cccgaatttg cctgtggcag cataatggca aacagaagga ggccaggcat ggaagagact 180
 gaactgctgc taccgcgtga aaaaatgctg cgtcatggcg tcacgttggt aaaggacgac 240
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 aaagaactga tagaccattt cggttcactg tatggattgc tgaccgctga gctggaggcg 360
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 ctggcccggc gatttttaca cgtgcgtatg gaggaagaag acccgatcct cacccccggc 480
 atgaccggcg aattttttgca aagccagcta tccgatctgg agcggggagat ctttatgggtg 540
 atcttttctg acaacaaaaa ccgggtactg aaacataccc gccttttttc gggaacattg 600
 agccatgttg aggtgcatcc gcgtgaaatt gtgcgggaag cgataaaaagt gaatgcagcc 660
 ggctgtatcc tcgcgcataa tcacccctct ggctgtgcag aaccaagcag agctgacaaa 720
 gcaattaccg aacgtattat caaatgctgt caattcatgg acattcgtgt gctggaccat 780
 ctgataattg gccgcggaga gtacatttgt cttcaccaca gggggtcgaa ggagccgcgc 840
 tatgcgtgta ta 852

<210> 124
 <211> 336
 <212> DNA
 <213> Enterobacter cloacae

<400> 124
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 gagagcagcc agtggagcga agcgctggcg gagaaaattg cggataacga aggaattacc 120
 ctctccccgg aacactggga agtgggtgcgc ttcgtgcgag aattttacct tgaattcaac 180
 acgtcgccag ctatccgcat gctgggtcaaa gccatggcga ataaattttg cgaagagaaa 240
 ggcaacagcc gttatctgta tcgcctgttt ccgaaaggcc cggctaaaca ggcgacaaaa 300
 atcgccggcc tgccaaagcc ggtaaaatgc atttaa 336

<210> 125
 <211> 663
 <212> DNA
 <213> Enterobacter cloacae

<400> 125
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 gtgctgcgca atacctattt catgctcagc ctgacgctgg cgttttcggc gatcaccgca 120
 acggccagca ccgtactgat gctgccttct ccaggcctga tcctgacgct ggtgggtatg 180
 tacggtctga tgttcctgac ctacaaaacc gcggataaac cgggtgggat tctctccgcg 240
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 gcgggtatcg tgattgtact ggtcgggtatg ctggcgaaca tcttcctgca attgcctgcg 480
 ctgcatctgg caatcagcgc ggtgtttatc ctgatttcat ccggcgcaat cctgtatgaa 540
 accagcaaca tcattcacgg aggtgagacg aactatatcc gcgccaccgt gagcctgtat 600
 gtgtcgtgtg acaacatttt tgtcagcctg ctgagcatcc tgggcttcgg cagccgcgat 660
 taa 663

<210> 126
 <211> 282
 <212> DNA
 <213> Enterobacter cloacae

<400> 126
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 gatggcagcg tggaggttgt ggcctgcggg gaggcggatc gggttgagaa gctgggtggcg 180
 tggctgaaag cgggcggggc gcgcagcgcg cgggttgata aggtgctaac ggaaccgcat 240
 caaccgggcc gggaatacgc tgacttcagt attcgtctatt aa 282

<210> 127
 <211> 1152
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (1)

<220>
 <221> unsure
 <222> (16)

<220>
 <221> unsure
 <222> (1109)

<220>
 <221> unsure
 <222> (1113)

<220>
 <221> unsure
 <222> (1151)

<400> 127
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 accgcaggga tectgtgcgc cagcacggca acctgggcgg ctaacgtgcc ggcaggaacc 180
 cagctggcag ataagcagga actggtcagg aacaacggca gtgaaccgcg ctcgctcgac 240
 ccgcataaag tcgaaagcga tgtcgaattc aatattatca gcgatttatt cgacgggctg 300
 gtcagcgtct ctccggcagg tgaaatccag ccgcgcctgg cggagaaatg ggaaaataaa 360
 gacaacaccg tctggacgtt ccatctgcgc ccgggcatta cctggagcga tggaaacccc 420
 atcaccgcgg aagatattgt ctggagctgg cagcggctgg tcgaccgcga aaccgcctct 480
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 aaaaaagcgc ccgagtcgct ggggggtgaaa gccatcaatg acaccacgct ggaagtgcgc 600
 ctcacgcaac ctaacgcgcg tttcctggcg atgctggctc acccgtctct ggtgccaatt 660
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 agcggggcct ataaactgtc acagtgggtg gttaacgaac gcattgtggc ggtgcttaac 780
 ccgaaatatt gggataacga acataccgtc attaacaagg tgacctatct gccattttcc 840
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 aacccccgat na 1152

<210> 128
 <211> 948
 <212> DNA
 <213> Enterobacter cloacae

<400> 128
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 gaccgtgttt cacagatggc tgtaactggt atcggacgtg ttaaagcagc gatggagaat 120
 gaccttaaca aggttttcac cagctctgag aagggtctcg gacagttcaa tgcttctgta 180
 gctaacatgc tcaacgatgc ttcaccgatt cctgaggctt tagggcatat cctcggaaaag 240
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 gtggatagtg ctgaacaatt tgctatcggg gctgctgggtg tggttggtgct ggttaagtct 420
 atcgtctgggtg tggctaacaa gctgaaatgg cttagtgtct tgtaggtgg tgggtgctgaa 480

gctggtgcgg	ctgctggtgc	agggtggatta	ctcaagggtg	catcccgttt	agctggccct	540
gttggtgtcg	ctctggttgc	tcatgacgct	gtagacgctt	caggtgttga	acagaactat	600
ccaaacgctg	ttggtactgg	aaaccgatt	gctcaggttc	ttaactggct	tacaaacccg	660
tctaagattc	ttggggcaac	tgaacaagac	tactgacaa	acagtccgtt	tacaaggatg	720
atgggttcat	tgggtgactg	gcttcagggt	aacaatgcgc	tgtccggtca	ggctaataca	780
tttgctgtcc	cgtctatgta	taaccctgct	cagacaacta	tccgaaatga	ccaaagaatc	840
aatattagcg	ttaacatgga	ttctcaaaag	attggaacat	tccagacaca	ggttcttact	900
ggtggctttg	aagacctgaa	tattaacgct	gaacatttgg	gcgattaa		948

<210> 129

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 129

actggacagg	atcgtatcta	tcgtcttgag	ctcttctgcc	gtgaaccgac	aattttcaag	60
cacgcctgct	gcatcatcaa	tttgctccgt	cttgcttgcg	ccgatgagca	cggatgtcac	120
cgcacgtgg	cgcaggatcc	aggccagtgc	catttgcgac	agcttttgcc	tccgtttttc	180
cgccagcgca	ttcagcttac	gtaccttttc	cagctttttg	tcggtgatct	gttccggatt	240
aaggaactta	ctgccgcttg	ctgcgcgaga	atccgcggg	atgccgttca	gatagcgatc	300
ggccaactgt	ccgcccgcca	ggggagagaa	ggggatacat	cccaccctt	tttgctgcaa	360
caagtccagc	aaccctctt	caggcgcaag	ttcaaactat	gagtacttcg	gctggtggat	420
caaacatggc	gtgccagat	cctccattat	ttcaatcgcc	tgccgtgcca	tttctgccgg	480
gtagttggac	agaccgatgt	acagcgcttt	gccctgacgc	accacatggg	caagcgcttt	540
catggtttca	cgtag					555

<210> 130

<211> 1047

<212> DNA

<213> Enterobacter cloacae

<400> 130

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cctgacaaaa	atcgttatca	gacaatgcaa	tatcgccgct	gtgggcaaag	cgggtcttaag	120
cttcccgcga	tctcggttgg	gctgtggcat	aattttggcg	acgcgacggt	gctcgaaaac	180
agccgtcaac	ttttacagcg	tgctttcaat	ttgggtatta	cgcattttga	ccttgccaat	240
aattacggcc	cgctccttgg	ttcggccgaa	cgtaattttg	ggcgcatttt	gcaggaggat	300
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aagcgtatgg	ggctggagta	tgtcgatata	ttctatcacc	accgcccgga	tccacacacg	480
ccgctacgtg	aaaccatgaa	agcgcttgac	catgtggtgc	gtcaggggcaa	agcgctgtac	540
atcggtctgt	ccaactaccc	ggcagaaatg	gcacggcagg	cgattgaaat	aatggaggat	600
ctgggcacgc	catgtttgat	ccaccagccg	aagtactcca	tgtttgaacg	tgcgccctgaa	660
gaggggttgc	tggacgtgtt	gcagcaaaaa	ggggtgggat	gtatcccctt	ctctcccctg	720
gcgggcccgg	agttgaccga	tcgctatctg	aacggcatcc	cggcggtatc	tcgcgcagca	780
agcggcagta	agttccttaa	tccggaacag	atcaccgaca	aaaagctgga	aaaggtacgt	840
aagctgaatg	cgctggcgga	aaaacggagg	caaaagctgt	cgcaaattgg	actggcctgg	900
atcctgcgcc	acgatgcggt	gacatccgtg	ctcatcggcg	caagcaagac	cggacaaatt	960
gatgatgcag	caggcggtgt	tgaaaattgt	cggttcacgg	cagaagagct	caagacgata	1020
gatacgatcc	tgtccagttc	agatttaa				1047

<210> 131

<211> 1392

<212> DNA

<213> Enterobacter cloacae

<400> 131

ggtaacaaga	tgcaagtttc	agttgaaacc	actcaaggcc	ttggccgccc	tgtaacgatt	60
actatcgctg	ctgacagcat	cgaaactgct	gtgaaaagcg	agctgggtcaa	cgtagcaaaa	120
aaagtacgta	ttgacggctt	ccgcaagggc	aaagtaccaa	tgaatgttgt	tgctcagcgt	180
tatggcgctt	ccgtgcgtca	ggatgtgctg	ggtgaactga	tgagccgcaa	ctttatcgac	240

gcgatcatca	aagaaaaaat	caatccagcc	ggtgcgccga	actacgttcc	aggcgaatac	300
aagcagggcg	aagacttcac	ctactccgta	gagttcgaag	tgtaccgcga	agttgagctg	360
aaaggtctgg	aatctatcga	agttgaaaaa	ccgatcgttt	ccgtgaccga	cgaagacgtt	420
gacggcatgc	tggataccct	gcgtaagcag	caggcgaact	ggaaagagaa	agaaggcgct	480
gttgacgcag	aagaccgcgt	aaccatcgac	ttcaccgggt	ctgtagacgg	cgaagagttc	540
gaaggcggtta	aagcgtctga	tttcgtactg	gcgatgggcc	agggtcgtat	gatcccaggc	600
ttcgaagacg	gtatcaaagg	ccacaaagcc	ggcgaagagt	tcaccatcga	cgtgaccttc	660
cctgaagaat	accacgctga	aaacctgaaa	ggtaaagcag	cgaagttcgt	tatcaacctg	720
aagaaagtgg	aagagcgcgga	actgccagaa	ctgactgaag	aattcatcaa	gcgtttcggc	780
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aacgacatcg	acgttccctgc	tgccctgatc	gacagcgaaa	tcgacgttct	gcgccgtcag	960
gctgcacagc	gcttcggtgg	caaccagcag	caagcgatgg	aactgccacg	cgagctgttc	1020
gaagagcaag	cgaaacgtcg	cggtgtgtgt	ggcctgctgc	tgggcgaagt	gattcgtacc	1080
cacgagctga	aagctgacga	agagcgtgtg	aaaggcctga	tcgaagagat	ggcttctgca	1140
tacgaagatc	catcagaagt	gatcgagttc	tacggtgaaga	acaaagagct	gatggacaac	1200
atgcgcaacg	tcgcgtttgga	agagcaggct	gtagaagcgg	tactggcgaa	agcgaaagtc	1260
accgaaaaag	agacctcttt	caccgaactg	atgaaccacc	agggcgtaat	ttcgccccaa	1320
cggtttaaag	ttttgaacaa	aaaaccctgt	ggcctcccg	gcgacggggg	tttttttaat	1380
cacaagcttt	aa					1392

<210> 132

<211> 1092

<212> DNA

<213> Enterobacter cloacae

<400> 132

ggtctccacc	acgetgggga	tcccggttac	cgccgtgcgt	attgtcttat	tgctgacctg	60
tgccattggt	accgcaacgc	tggtagcgcc	caccggcgca	gtgggggttg	tcgggctggg	120
cattcccatc	gtgacgcgca	tgctatgcgg	gccgggccaat	cgctcgctcga	tcccgtgac	180
gtttcttatc	ggcgcccact	ttatgatcct	cgccgatatc	gtctcacgca	cgctgattgt	240
gcaccaggtt	ctgcccacgc	gggtggtgac	tgcgctgggt	ggcgcccccg	tctttgtggc	300
gttgctttat	caaaaccgaa	aggagcatcc	atgaatatta	ctgtggcccg	gttaaccgta	360
accgacaag	cgcagacggg	gcttaagaat	atcgatctcg	acctgccatc	cgggcagatt	420
atcggcctgt	tagggccaaa	cggctcgggc	aagtcgacgc	tgctgcgctg	tctcgccggg	480
ctgtttccac	gactcagcga	acgcgtggcg	cttaatggca	caacgttcgg	catgatgccg	540
ctgaaaaaac	gcgcgcagca	catggcggtt	gtcccgcac	atgctgaggt	cgacggagaa	600
ctgaccgttg	aggacattgt	cgactgggg	cgtacgcctt	accggaaaac	attccagaga	660
acctcgccgc	acgatgaggc	tgcggttgag	caggcgattg	gcctgatgca	gttatgccgc	720
ttacgccagc	ggcgatggca	ctctttgtct	ggcgagagac	gccagcgaag	ccagatagcc	780
cgcgcgctgg	cccagcagcc	gcaggtgctg	ttgctcgatg	aaccgacaaa	ccacctggac	840
attcagcacc	agctggagct	gatgcggctc	gtttcacagc	tgccgcttac	ggtggtgggt	900
gcactgcacg	atctcaatct	tgcagccaat	tattgccagc	gtctgatcct	cctgaaggcc	960
gggcagatcg	ccgccacggg	cgcgcccga	gcggttctga	cgccggcaaa	cattgaggac	1020
acctggtgcg	taaaagctca	ggtctgcaaa	gccgacgccg	ggatcacgat	aagctacaac	1080
atggtggcat	ga					1092

<210> 133

<211> 558

<212> DNA

<213> Enterobacter cloacae

<400> 133

ctggctggca	ttgcggggcg	ccagctcttc	aacgccatga	ccgcgtacgt	cgctgggcacg	60
tccgccaatg	ccgagcagtc	ccgtagcgtc	atgttctggc	tgctgggaag	tctgagcggc	120
gtgcgtggc	ctgacgcgct	gctggcgctg	gccgttacgc	tggcgggttt	actggtgta	180
ttgtcttttt	cagggcgctt	ggacaccttc	accttcgggg	atgaggtctc	caccacgtg	240
gggatcccg	ttaccgcgct	gcgtattgtc	ttattgctga	cctgtgccat	tggtaccgca	300
acgctggtga	gcgccaccgg	cgcagtgggg	tttgtcgggc	tggtcattcc	ccatgtgacg	360
cgcattgctat	gcggggccgg	ccatcgctgc	tcgatcccg	tgacgtttct	tatcggcgcc	420
cactttatga	tcctcgccga	tatcgtctca	cgcacgctga	ttgtgcacca	ggttctgccc	480

atcgggggtgg tgactgcgct ggtggggcgcc cccgtctttg tggcggttgc ttatcaaaac 540
cgaaaggagc atccatga 558

<210> 134
<211> 402
<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (4)

<400> 134
aagnacctcg gcgtggaggc gaagctgcaa aatcaggagt ggaaaaccat gcttgatacc 60
atgcacaccc ataactttga cgcggtacgc tacgcctgga ttgccgatta cgacgatgcg 120
gcaaccttcc tgaacaactt ccgtaccggg gacagccaaa acaccactca gtacagcaat 180
ccggactacg atcggggcact ggtgaacgcg gcgaaatcga aaacggcgga ggagcgcggt 240
aaattctacc agcaggcaga agatctgctg ggacgggatg taccggcgat ccctgtttat 300
cattacgtgc gcacgcacct ggtgaaaaccg tgggtagggg gcttcacgcc agacaagctc 360
gggtactact acaccaaaga tatgtacatc aaaaagcact aa 402

<210> 135
<211> 576
<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (123)

<220>
<221> unsure
<222> (201)

<220>
<221> unsure
<222> (212)

<220>
<221> unsure
<222> (215)

<400> 135
cttacttacg ataaaaataa tctaattgatt aaactttcca atatcaccaa agtgttccag 60
caggggaacc gaaccattca ggcgctgaac aacgtcagcc tgcattgttc tgctggctag 120
atntatggcg tcattggcgc atcgggtgca ggtaaaagta cgctgatccg ttgtgttaac 180
ctgcttgagc gcccaaccca ngggcagcgt anaanttggc ggccaggagc tcaccgctct 240
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aacctgctgg cctcacgctc cgttttcggg aacgttgctg tacccttgga gctggatttc 360
tcacctttag aagaaatttc gcgtcgcgtc tccgaactgc tcgatctggg tggctctggg 420
gataaacatg acagctaccc ggctaatttg tccggcgggc tttatctgcg agtatctatc 480
gctcgcgcgc tggctaacaa cccaaaagtg ctgctgtgcg atgaatcctc cagcgcatta 540
tatccggcta ccacgcgctc tattctggaa ctgtaa 576

<210> 136
<211> 483
<212> DNA
<213> Enterobacter cloacae

<400> 136
aaagacatta accgtcgtct gggcctgact atcctcctta ttacgcatga aatggatgta 60

gtgaaacgta	tctgcgactg	tgtagcagtc	atcagcaacg	gtgagctgat	tgagcaggac	120
acgggtgagcg	aagtcttctc	gcacccgaaa	acgccgctgg	ctcagcagtt	cattcagtc	180
acactgcatc	ttgatattcc	ggaagattat	ctggaacgac	tgaaaacaga	agccgttgca	240
gacagcgttc	caatgctgcg	catggagttt	acgggtcagt	ccgttgacgc	accgctgctg	300
tccgaaaccg	cgcgtcgctt	taacgttaat	aacaacatta	ttagcgcgca	gatggattac	360
gccggtggcg	tgaagttcgg	cattatgctg	acggaaatgc	acggcacaca	ggaagaaacc	420
caggcggcaa	ttgcctggct	gcaagaacat	cacgtaaaag	tagaggtact	gggttatgtc	480
tga						483

<210> 137

<211> 614

<212> DNA

<213> Enterobacter cloacae

<400> 137

aggtactggg	ttatgtctga	gccgatgatg	tggctactgg	ttcgcggcgt	ttgggaaacg	60
ctggcaatga	ccttcgtatc	gggcttcttt	ggttttgtga	ttgggctgcc	ggtcggcgtg	120
ttgctgtacg	tcacgcgccc	gggtcaaatt	attgaaaacg	cgaagctgta	tcgcacgctc	180
tctgcgctgg	tgaacatttt	ccggtctatt	ccgttcatta	ttctgctggg	gtggatgatt	240
ccgtttactc	gcgtgatcgt	cgggacgtcg	attggtttgc	aggcggcaat	tgtcccgtcg	300
acagtaggcg	cggcacccgtt	tatcgcccgt	atggtggaaa	acgcctcgct	ggaaatccca	360
acaggcctga	ttgaagcttc	ccgcgcgatg	ggtgcaacac	caatgcagat	cgttcgcaaa	420
gttctgctgc	cagaggcgct	gcctgggctg	gtgaacgcag	caaccatcac	gcttatcacg	480
ctggtcgggt	attccgcaat	gggcggcgcc	gtagggtgctg	gcgggttagg	ccaaattgga	540
tatcagtacg	gctatatattg	ctataacgct	accgtaatga	ataccgttct	ggtattgctg	600
gttgtgctgg	ttta					614

<210> 138

<211> 630

<212> DNA

<213> Enterobacter cloacae

<400> 138

gcactttatt	gcgctgcgat	tcatgagata	ctagctgaac	aagccttttt	caggagcaaa	60
ccggtggcaa	aatctgtacc	cgcaattttt	ctcgatcgtg	acggcactat	taatgtggat	120
cacggttacg	tccatgagat	tgatgagttc	gaatttatcg	agggcgtaat	agatgccatg	180
cgccagttga	aagagatggg	ctatgcgctg	gtggtggtaa	ctaaccagtc	cggtatcgcc	240
cggggtaaat	ttaccgaagc	gcagttcgag	acgctgacgg	aatggatgga	ctggtctctg	300
gccgatcgcg	tcgctgatct	tgatggcatc	tattattgtc	cgcatcacc	gcagggaagt	360
gtagaggcgt	atcgtcagac	ctgcgattgc	cgtaagccac	acccgggcat	gtttatctct	420
gcacaggaat	tcctgcacat	tgatatggcc	gcattctata	tggtgggcga	taaactggaa	480
gatatgcagg	cagcaacggc	ggcaggtgta	ggtaccaaag	tattagtgcg	taccggtaaa	540
ccggtcacc	cagaagcaga	aaatgcagcc	gactgggtga	taactagtct	ggcagaactg	600
ccaaaagaga	ttaaaaagca	ccaaaaatag				630

<210> 139

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 139

cgacgctgga	aattcagtta	ttacccttta	tactgcccta	tcccattacc	gcgcggccat	60
tacgggttaa	acacatcgat	gagtcagact	gaaactaccg	ccccaaagcaa	attctccctt	120
ctaccgggca	gcataccccg	tttctttctt	ctgttgatcg	ttgtgctggt	agtcacaaatg	180
ggagtgatga	tccagagcgc	cgtaaaccac	tggcttaaag	ataaaagcta	tcaaatcgctc	240
gatatacccc	atgcggtgca	taagcgcatt	gatactggcg	gctatgcgac	ctggcaaatc	300
tacgacaata	tcgctgccgc	gcccgccacc	tcatacggcg	aaggggttgca	ggaaacgcgc	360
cttaagcagg	atgtgtatta	ccttgaaaaa	ccgcagcgta	agacggaagc	cctgatatttc	420
ggctcgcacg	acagcgccac	gcttgagatt	taccaacgga	tctcctccta	tctggacacc	480
ctgtggggcc	ccgaaaacgt	aaccgtgggt	ccatgtatta	cctga		525

<210> 140
 <211> 429
 <212> DNA
 <213> Enterobacter cloacae

<400> 140
 ttgtctcataa aggatgagtt atttattcag gagataaaaa tgaaacaaac cagattggtg 60
 ctggctggta tactgggtatt agccccggta ttttccgcaa tggcggtcc tcaggctgca 120
 accggttgcg aagccaaacg ccagaatatt gaacaacaga tagaacacgc cagaacccat 180
 aataacgata atcgtgtagc gggcctgcaa aaagcgcttt ctgaacttaa cgctaactgc 240
 acggaggaag gattacgtgc tgaacgtcaa gctgatgttc gcgaaaaaga gcgtaagggt 300
 gaagagcgac gccaggagtt ggctgaggca caggctgacg gccgtactga taaaataagt 360
 aaaaaggaaa gaaaactgaa agacgctcag gctgagcttg atgaagccag aagtgtgttg 420
 aataataaa 429

<210> 141
 <211> 654
 <212> DNA
 <213> Enterobacter cloacae

<400> 141
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 ttctgtcagg taatagtgat tttttttcct gacaatgaaa atgatatgac cttatctgct 120
 ttaaaagccg ggtcactgct cctgctgatg atcctgtttt ataccggcct gttcacgagc 180
 gatcgcgta cctggttgat ggaggtgacg cccgtcatta tcatcatccc acttctgctt 240
 gccacacacc ggcgataccc ttgactccc cttctctata ctctggtttt cttccacgcc 300
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 caggagatgc tcgggcttag ccgaaatccg tatgacaagc tcggtcactt cttccagggg 420
 ctggttcccg cactggcagc gcgagaaatt ctgctgcgcg gtgggtatgt tcgtggacat 480
 aagatgacgg ggtttctggt gtgctgtggt gctctggcca ttagegccac ctttaactca 540
 ttgagtgggt ggctgctttg gcgatgggac aggggtgcga tgattttctg gggacgcagg 600
 gcgatccatg ggatacccag tctgatatgt tttgcgcgct gcttggtgcg ttaa 654

<210> 142
 <211> 189
 <212> DNA
 <213> Enterobacter cloacae

<400> 142
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 cagggcgatc catgggatac ccagtctgat atgttttgcg cgctgcttg tgcgttaacg 120
 acggtgctga tccttggggc tttccatcag cggcaattgc gtcgtttgaa tgtggatagt 180
 gcgctctga 189

<210> 143
 <211> 369
 <212> DNA
 <213> Enterobacter cloacae

<400> 143
 atgtgtcctc cgcggctggt gaaaacttgc ggggccgaaa tagccatctc catccctgcg 60
 catgtccgcc tggatgaggt ggcagaagcg ccgcctgccc tgaacgagcc cctgattgag 120
 gatgtccttc gcagcctgaa ggtgacccac gatcagggtat tacagctggc gcccgaaagc 180
 gtcgcgatgc ttccctctga cagccgctgt aacagctggc gaatcggggc ggtggatgag 240
 ctaccccttg aaggaagcca gatcagttct ccagcgctgg acgaactgaa agccaaccca 300
 aaagcgcgta gcgcgctatg gcaacaaatt tgcaaatatg aacacgattt cttccctcac 360
 gacggctga 369

<210> 144
 <211> 492
 <212> DNA

<213> Enterobacter cloacae

<400> 144

aagccaaccc	aaaagcgcggt	agcgcgcttat	ggcaacaaat	ttgcgaatat	gaacacgatt	60
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tttccgtgga	gcgaaaagac	gtttgccagc	aatcaggggcg	aacgctattt	aaatctccgc	180
ctggacgttg	acggtgcgat	ggctgcgttc	gccatcacgc	aggtcgttct	ggacgaggcg	240
acactgttta	atatcgcggt	cgatcccgc	taccagcgcc	gcgggctggg	caggggaactg	300
cttgagcacc	tcattcatga	gctggaaacc	cgtgacgttt	tcaccctgtg	gctggagggtg	360
cgcgcgtcca	atgtcgccgc	catcgcgctc	tatgaaagct	taggcttcaa	cgaggcgact	420
atccgcgcta	actactacc	caccgcagag	ggacgtgaag	acgccattat	catggctctg	480
ccgattggat	aa					492

<210> 145

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 145

gaagaattga	ttatgacgtt	gtctccttat	ctgcaagagg	tggccaaacg	ccgcactttt	60
gccattatct	cgcacccgga	tgccggtaaa	acgaccatca	ccgagaagggt	gttgctgttc	120
ggacaggcga	tccagaccgc	gggtaccgtt	aaaggccgtg	gctccagcca	gcatgctaaa	180
tccgactgga	tggagatgga	aaagcagcgt	ggtatttcga	ttaccacctc	cgtgatgcag	240
ttcccgatc	acgactgtct	ggtgaacctg	ctggacaccc	cggggcacga	agacttctcc	300
gaagatacct	accgtaccct	gacggggccg	gaggtcttca	cttcggattg	a	351

<210> 146

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 146

gcttcaacga	ggcgactatc	cgccgtaact	actacccac	cgcagaggga	cgtgaagacg	60
ccattatcat	ggctctgccc	attggataac	gaaaataagg	ttgtaacgat	gaaatgggac	120
tggattttct	ttgatgccga	cgaaacgctg	tttacgtttg	actcgttcgg	cggcctacag	180
cggatgtttc	tcgactatag	cgtgacgttc	accgcggaag	attttcagga	ctatcaggcg	240
gtgaacaaac	cgtctgtggg	ggattaccag	aacggagcca	tcaccgcgtt	acagcttcag	300
catcagcgtt	ttgacgtgtg	ggctgaacgg	ttaaacgtga	gtcctggggg	gctgaacgag	360
gccttcctga	atgcgatggc	ggatatctgc	gcgcgcgtgc	ccggcgccgt	ttctttgctg	420
gattcgctga	aagggaagg	gaagcttggg	atcattacca	acggctttac	cgcgcttcag	480
cagattcgcc	ttgaacgcac	cggcctgcgc	gatcatttcg	acgcgctggg	gatctccgaa	540
gaggtgggcg	taccgaagcc	ggatccgcgt	attttcgatt	atgcgttggc	gcaagcgggc	600
aatcctgacc	gcgatcgcg	gctgatgggt	ggggatacgg	cagaatctga	tattctggga	660
ggtatgagat	cgggcctgtc	gaccgtctgg	ctgaatgcgc	atggccgcat	gctgccggaa	720
ggcatcgagc	cgacctggac	cgttacgtca	ttgaacgaac	tggagcagct	cctgtgtaaa	780
caatga						786

<210> 147

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 147

aaacctaacg	acaggctcct	gaaaaggagt	gtttttttca	tgtccaggtc	gcttttaacc	60
aacgaaacca	gtgaacttga	tttgctggat	caacgtccat	ttgatcagac	cgacttcgat	120
attctgaaat	cctacgaagc	ggtagtggac	gggttagcga	tgctcattgg	ttcccactgc	180
gaaatcgat	tgcattccct	gcaagatctt	aagtgttcgc	ctatccgcat	tgcgaatgg	240
gagcacactg	gccgtaaaat	tggttcgcca	atcaccgacc	ttgcattgcg	tatgttgcat	300
gacatgaccg	gcgcggacag	cagcgtctca	aaatgctatt	tcacccgcgc	caaaagcggc	360
gtgctgatga	aatcagaaac	gatcgcgatt	cgaaaccgcg	aacaccgggt	aatcggtttg	420
ctgtgcatca	acatgaacct	tgatgtgcc	ttctcgcaaa	tcatgagcac	cttcatccc	480

ccagaaacgc	cggacgtggg	ctcatcggtg	aactttgctt	cttcggttga	ggatctcgtg	540
acccagacgc	tggagttcac	cattgaagaa	gtgaatgccg	atcgcaacgt	atccaacaac	600
gccaagaatc	gtcagatcgt	cctgaacctc	tatgagaaag	ggattttgat	atccaagatg	660
ccatcaaccc	agtggcccca	tcgcctgaat	atctcc			696

<210> 148

<211> 684

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(28)

<400> 148

cgaccagaaa	tccgctacgc	actggggngt	tttctgggtc	gttacatgga	aaactctctg	60
aaagaacaag	agaaactggg	catcaaactg	gacaaaaacc	agctgatcgc	aggggtccag	120
gatgcgttcg	cagacaagag	caaactgtct	gaccaggaaa	tcgagcagac	tctgcaagcg	180
tttgaagcgc	gcgtgaaagg	cgccgctcag	accaagatgg	aagcagatgc	taaagataac	240
gaagcgaaag	gcaaagccta	ccgcgacaa	ttcgctaaag	agaaaggcgt	taaaacgtct	300
tctactggcc	tgatctataa	ggttgagaaa	gaaggtactg	gcgacgcgcc	taaagacagc	360
gacaccgttg	tgggtgaacta	caaaggtagc	ctgatcgacg	gtaaagagtt	cgataactct	420
tatacccggtg	gtgagcctct	ctccttccgt	ctggatgggtg	tgatcccggg	ctggaccgaa	480
ggcctgaaga	acatcaagaa	aggcggtaaa	atcaagctgg	tcatcccacc	ggatctggct	540
tacggcaaaa	ccggcgttcc	gggtatcccc	gctaactcca	cgctggtatt	tgatgtagaa	600
ctgctggaca	tcaaaccggc	gccgaaagcg	gatgcgaaaa	cagacgcacc	ggctgacgac	660
aaagccgcag	cagctaagaa	gtaa				684

<210> 149

<211> 1331

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(12)

<400> 149

cctccccgtg	tnacctatcg	cggtccttcg	gcccttgggt	aaagatcgca	accgctacag	60
accgttttgaa	agctattctg	attcatggcg	tgaacgtggg	tacattgact	gaccagaagc	120
aatacacctc	cgaatcactg	aacagtgcaa	tggacttgat	aatgtctatc	ctgaccgctc	180
aaagagcgca	tgaagaaagt	cagtcaaagt	ctaagaggat	gcgtgaagta	tgggctaaaa	240
aacgaacaga	ggcagaggaa	agcggaaaga	ttatcactaa	gtcgtgtcct	cgttgggttaa	300
ccgtgaacag	tgaccgtaca	ggctttgaac	ctatacctga	acacgttgaa	tcaatccggc	360
ttatgttcga	aatgaggcta	tcagggaag	gctttgcagg	tatcgcacag	gctctaaacg	420
agtctggaag	attgaccctt	acaggacgct	ctaaagggtg	gaatcagtca	tctgtacagc	480
agctttttaag	taacaaggct	ctgatagggt	acaagatacc	atcccgtaaa	gctgtggtga	540
attacattga	gatacccgac	tatttcccct	ctgtgattcc	tcttgaacag	tttcaacagg	600
ttcagttaat	cggtgcagat	aagcagggac	aaagggcagc	taatgaccgc	cctatgaatg	660
ttaacctgtt	caggggtgta	atgaagtgcg	ctgaatgtgg	tgcaactgtg	attgttagcg	720
gggtggatga	taaaagggct	ggttattatt	cttgctcatt	cagacggtta	ggacgctgta	780
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caaagagggc	agacttaaca	gaacgctctc	agaagctggt	agcagccctt	gaaatagctg	960
atgatgtcac	agccatagcc	acacgcttaa	aagctgtcac	agatgagatt	aaagccattg	1020
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gtatggattt	aaccgtcaaa	tctcaaaggg	agaggttcca	gttactgggt	aagaaaacct	1140
tcagagaaat	caacttagac	ggcatcagaa	agacgggttaa	cgtttatctt	cacaatgggc	1200
ttacattgct	taatgttccg	gtaaatcaga	ttgtggatgc	tggagagtgg	atagaactgt	1260
tacccgat	tggtggcgat	acagtagact	tcaaagacat	cagcttcaaa	gccccctggt	1320
accttgatta	a					1331

<210> 150
 <211> 669
 <212> DNA
 <213> Enterobacter cloacae

<400> 150
 gggtcgacca tgtatcaaca tcataactgg caaggtgcat tactggatta tcccgtcagc 60
 aaagtggctc gcgtgggcag caactatgca aaacatattc aggagatggg cagcgccgtg 120
 ccggaagagc cggttctgtt tattaagcca gaaaccgcac tgtgcgatat tccgagccg 180
 ctggttctgc cgcagggact gggctcgggt catcatgaag tggagctggc ggtgctgac 240
 ggcgcgacgc tgcgccaggc gaccgaagag catgtagaga aagcgattgc gggttacggt 300
 gtcgcgcttg acctgacgct gcgtgatgtt cagggcacaaa tgaagaaagc ggggcagccg 360
 tgggaaaaag cgaagggttt tgataattca tgcccgatatt ccggtttcat tccggtgagt 420
 gaatttaccg acgatccgca gaacacgccg ctacgcctga aggtcaacgg cgagatccgc 480
 cagcagggaa cgaccgctga catgatccat aagatcgttc cgctgattgc ctacatgagc 540
 cgcttcttca ccctgaaacc tggcgacgtg atcctcaccg gcaactccgga aggtgtgggg 600
 ccgctgctta gcggcgacga actggatgtc agttttaacg gcctgtcgct gaaaaccgcg 660
 gtgctgtaa 669

<210> 151
 <211> 402
 <212> DNA
 <213> Enterobacter cloacae

<400> 151
 catcctggcc ttactcaatt tgctattaac cgcaacacat cgccgcgata ttccgaagag 60
 tatcaggcat gttatagtca ggagtatatt gaggcaagca accaccggtt aattcagagt 120
 aaaaacatgt tttgtgtgat ctacagaagt accagccgcg accagaccta cctttatgtc 180
 gaaaagaaag acgatttttc ccgcgtgcct gaagaattaa tgaaaagctt tggccgaccg 240
 cagctggcga tgctgtgcc gctggacggc cgtaagaagc tggatgaacgc cgatctggag 300
 aaagtcaaaa aggcgttaac cgagcagggc tattatttac agcttccgcc gccaccggag 360
 aatttattaa aacagcatct tgagggtgagc ggaaagaaat aa 402

<210> 152
 <211> 726
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (681)

<220>
 <221> unsure
 <222> (717)

<400> 152
 caaggaatth ctatggcacg cattattggt gtgacttcgg gtaaaggagg cgttggcaag 60
 accacctcca gcgcggccat cgctactggt ttggcccaga agggaaagaa aaccgtcgta 120
 atcgacttcg atatcggctc gcgtaacctg gacctgatca tgggttgcca gcgtcgcgtg 180
 gtgtatgact tcgtgaacgt cattcagggc gatgccaccc ttaaccaggc gctgattaaa 240
 gataagcgta ccgagaacct ctacattctt ccggcgctcc agaccgctga taaagacgcc 300
 ctgacccgcg aaggcgtgga aaagggtgctc gacgatctga aaaagatgga gttcgacttt 360
 gtggtctgcg actccccggc cggatatcga accggcgcgc tgatggcgct ctacttcgcg 420
 gatgaagcca tcatcaccac caaccgggag gtctcgtcag tacgtgattc cgaccgtatt 480
 ctcggcattc tggcctcgaa atcccgtcgc gcggaaaaat gccaggagcc aatcaaagag 540
 cacctgctgc tgaccgcgta caaccgggc cgggtgaaca aagggtgacat gctgagcatg 600
 gaagacgtgc tggagatcct gcgcatcaaa ctggttggcg tgatcccgga agatcagtc 660
 gtgttgccgc cctctaacca nggcgagccc ctgatcctgg atacacaggc agaagcnggt 720
 aaagcg 726

<210> 153
 <211> 807
 <212> DNA
 <213> Enterobacter cloacae

<400> 153
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 tcgcgcgat gtgttgcggt taatagcaaa ttgagtaagg ccaggatgtc aaatacgccc 120
 atcgagctta aaggcagtag cttcacctta tcagtggttc atttgcatga tgcaaaaccc 180
 gaggttattc gtcaggcggt agaagacaaa atcgcgcagg ctcccgttt tcttaagcat 240
 gctcctgtcg tcgtcaatgt aagcgacctt gaggggcccgt ttaactggaa gcggctccag 300
 caggccgtca cctccacggg gttgcgcatt gtgggcatta gcggctgcaa agacgcagag 360
 ttaaaaagccg aaattgaacg cgcgggtttg cccttggttaa acgagggcaa agaaaaagcc 420
 ccacgtgcaa cgcctgcaac cgttcccgtc ccccgccctc cggcgcaaaa tgtagcccca 480
 gtcacaaaaa cgcgattgat tgatctgccg gttcgttccg gtcagcgcat ttatgcgcca 540
 aactgtgatc tgattgttac aagccacgtc agtgcgggcg ctgaactgat tgcagatggc 600
 aatattcacg tttacggtat gatgcgtgga cgtgcgcttg cgggcgccag cggcgatcga 660
 gaagcacaaa ttttttgtac tcacctgacg gcagaactgg tgtctatcgc aggtgaatat 720
 tggctgagcg ataaaatccc agccgaattt tatggcaaa gggcccgtct gcaactggca 780
 gataacgctt tgaccgttca accgtga 807

<210> 154
 <211> 1848
 <212> DNA
 <213> Enterobacter cloacae

<400> 154
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 cacggattaa tgaatagaaa aatttacaat aatgtaaaaa tatttatgat tgcctggcg 120
 ttaagcctga ttacgatccc cttttccgtt tatactctcc cgcgcgctat cgtcaacgaa 180
 aatgatgttt atttagcgtg gttgccctta agcgccatgc tcgccatcgt attgttattt 240
 ggacgtcggg caatcattcc tttactgatt ggatttagtg ttactaacat ttattacttt 300
 gatttagcat tactacaatc ttccgtgtta ttaatttgtc agacgtttgc cgtcttcgct 360
 gcctgtggcg tcatccgtct gatgctgggc aaacgctggc gacacagcat cccgaataag 420
 tacatcggga tacgtatttt ctggctcgga tttgtggttc ctgtaggcac caaattatcg 480
 atgtatctgg cgggatattt atttgatttt ccggtgacaa tctcctccta tttcggcgaa 540
 ggctctgcaa tttataacgt tatcgatatt caaagcctga tttgtgcgc cctgattttc 600
 accatgatgt tctactacc gtttaagaatg ataattaatc cccggtatgc ccgaacattc 660
 tggcggcgaa gcgtgaagcc cctcttttgt cacaaaaaag tgttatttat cgttgtgtgg 720
 ctgatgctgt tggctctgat gatcgctatt ttgtgcgcgc ctttcgagtc acagtttatt 780
 gctgggtatt tgatgccaat cgtttttatt ctttttacc tggggattgg tcgtctgagc 840
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 aattttctta atggcgttg atcgggccac tcgctctcct ttatcttgtc ggtactgatc 960
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 ctggaagtgt ttttacagca ccattcccga gccaaaatct gctgcctgcg cctggataat 1140
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 accgcgtcgc tgcaaccgtt attgcaaaaa gacgagaagc tctttcagtt gccaggcagt 1260
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 catctgaaca gccgtaagat tgtctggaac aagactgagc tcgacattga gtttgccgcc 1380
 tcctggggcg aagtaccgga tggggaaagc ctgcaccaca cgctgggtca gctgagctgg 1440
 ctgtccgagc aatcctgtgg cgggcataac gttctggcgt taaccaacag tctggatgat 1500
 gtctctggtc agacgacgga cagggtgcta atgctggccc gcataaaacg cgcccttgat 1560
 atcggcggtc ttcaccttta cgcccagcca attcacacag cccgcgggga aaggacttc 1620
 gacatcccct ccacgttga aagcgatggc gagattctcc accccgaccg gcttattccg 1680
 ccgatggctc aattcaacct gaacccccg tttgactcga acttttgaa caaatgtgga 1740
 tgtcgattcg caccaccccc tctcgaactg atcgaaagcc ctcccgtca aactgatgcc 1800
 ctgaacctca agcaacataa aatgggggcg aaattcttcg ccttttga 1848

<210> 155

<211> 1506
 <212> DNA
 <213> Enterobacter cloacae

<400> 155
 cgcgccggct ttgttgaaaa cgtagcggca acagcacaaa cgggtggagca actgcttaaa 60
 ctgggtttta ccgtcgcgat tgaaagcggc gcgggcacac tggcgagttt cgatgacgag 120
 gcctttactc aggtcggcgc ggacgtcgtg gacggtgctg aggtctggca atcaccatc 180
 attctgaagg taaacgcacc ggaagagggg gaaattgaac tgctgaacgc gggcactacg 240
 ctggtgagct ttgtctggcc agcccaaaac ccggagttga tggagaagct ggcggcacgc 300
 ggtgtcaccg tgatggcgat ggactccgtg ccgcgtattt cgcgcgcgca gtctctggat 360
 gcgctgagct ccatggcgaa cattgccggc tatcgcgcca ttgtcgaagc tgcgcatgag 420
 tttggtcgtc tctttaccgg tcagattacg gcggcaggta aagttccacc cgcgaagggtg 480
 atggtgattg gtgccgggtg ggcagggtctt gctgctatcg gggccgcaaa cagcctgggc 540
 gctattgttc gcgcgtttga taccggcccg gaagtgaagg agcagggtgca gagtatgggc 600
 gccgaattcc ttgagctgga cttcaaggaa gaagcgggca gcggtgatgg ttacgcgaag 660
 gtcattgtctg aagcctttat caaggcggaa atggcgctct ttgcggcgca ggcaaaagag 720
 gtagacatca ttgtcaccac cgcgcttatt ccgggtaaac cggcgccgaa gctgatcacc 780
 cgtgagatgg tggattccat gcagccgggc agcgttatag tcgatctggc ggcgcaaaac 840
 ggcggttaact gtgagtatac cgtgccaaat caggtcacga cgaccgcgaa cggcgtgaag 900
 gtgatcggtt ataccgacct gccaggcggt ctgccaaccc agtcctctca gctgtacggc 960
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 gattttgatg atgtggtggt gcgtggcggt accgtggtgc gtgaagggga aatcacctgg 1080
 cctgcaccgc cgattcaggt ttccgctcaa cctcaggctg cgccgaaagc ggcaccagag 1140
 cccgcggagc cagcaaaacc tgcgtcgccg tggcgcaaat acgccatcat ggcgctggtc 1200
 ataatcctgt ttggctggct ggcggacgtc gcgcgcaaaag agttccttgg ccacttcacc 1260
 gtcttcgcgc tctcctgcgt ggtgggttac tacgtcgtgt ggaacgtttc ccatgcgctg 1320
 cataccccgc tgatgtcggg caccaatgcc atctccggga ttatcgtggg cggggcattg 1380
 ctgcaaattg gtcattggcg ctggatcagc ttcctgagct tcattgcggg gctgatcgcc 1440
 agtatcaata ttttcgggtg tttcaccgtg actcagcgca tgctgaaaat gtttcgtaaa 1500
 ggctaa 1506

<210> 156
 <211> 579
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(39)

<220>
 <221>unsure
 <222>(172)

<220>
 <221>unsure
 <222>(195)

<220>
 <221>unsure
 <222>(247)

<400> 156
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 gaggttgccg acggtaaatg ggcgctgctg acttcgggtt ccaaaagctt tcacattccg 120
 gcgctgacgg gcgcctgggg gcttttcgcc gatgacgcca gccgtaacgc cnatctgaat 180
 gcattaaaaa gtcgngacgg actctcttcc ctttccgtgc tggcgctgac cgcgcatatt 240
 gctgctnacc gacagggcga accctggctg gacgcgctgc ggacctatct cgaagagaat 300
 ctgcggtatg ttgctcgcgga attaaacagt gcttttccgg cactcagctg gcaaccacct 360
 gaggttacct atcttgccgt gatcgacctc agcccgtcgc gtattgacga caatacgctg 420

caaaaggtgc	ttattgagca	gcaaaaagtg	gccatcatgc	cgggatatac	ctatggagcc	480
gaagggaaag	gctacgttcg	tctgaacgcg	ggttgccccc	gtagtaagct	tgaacagggc	540
gttcagcgcc	tcacgcgagg	catcaacacg	ctgctgtaa			579

<210> 157

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 157

ccagcaaaga	gtgcgaccat	gattgataca	cgcctgcctt	taactgatat	tcaccgccac	60
ctcgacggaa	acattcgtgc	ccaaaccatt	ctcgatcttg	gtcgccagtt	caatttaacc	120
ctccctgccg	aaacgcttga	aaccctgata	cctcatgttc	aggtcacgtc	gaacgaaccg	180
gatctggtga	gctttctgag	caagctcgac	tggggcggtga	agatgctggc	ctcggtcgat	240
gcctgtcgcc	gtgtcgcctt	tgaaaacatc	gaagatgccg	cgcgcaacgg	cctgcactat	300
gtcgaactgc	gtttctcccc	gggctatatg	gcgatgacct	acaatctccc	cgtagcgggc	360
gtggttgaag	cggtcattga	aggcgtgcgt	gaaggctgca	aaacctttga	cgttcaggcg	420
cgtttgatcg	gcattatgag	ccgtaccttc	ggtgaagcgg	cctgtcttca	ggagctggaa	480
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ttcccgggca	gectgttctt	gtctcatttc	aaccgcgcac	gtgatgcagg	atggcatatt	600
accgttcata	caggcgaagc	cgcggggccg	gaaagcatct	ggcaggccat	tcgtgaactg	660
ggtgcggaac	gtattggtca	cggcgtgaaa	gccattgaag	atcgcgcgct	gatggatttc	720
ctcgccgaac	aacgtattgg	aatcgaatcc	tgcttgacct	ccaatattca	gaccagtaca	780
gtggcatcgc	tggcgcaaca	cccgtgaaa	accttccttg	aacacggggg	gctggcttca	840
ctgaacacgg	acgatccggc	ggttcagggc	gtggatatta	ttcacgaata	caacatcgcc	900
gcgcccagc	ccgggctgag	ccgcgagcag	atccgtcagg	cgcaaataca	cgggctggag	960
atcgcccttc	tgatcttcac	caecggggcc	gaaagatcca	cgctatgcgt	t	1011

<210> 158

<211> 399

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (376)

<400> 158

cgcgatcaac	gggcaggaaa	cattccccctt	tcgtgcatgg	caggcgcaca	cgagttcaga	60
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ttcggccagg	ctgctggcct	cctcgcagtg	ggtgccatcg	tcgagccgca	acagctcggc	180
aatctcgtcc	agactgaacc	ccagccgctg	tgccgatttc	acgaatttca	cccgaaccac	240
gtccgcctcc	ccatagcggc	ggatgctgcc	gtaaggcttg	tccggttccc	gcaacaggcc	300
cttgcgctga	tagaagcgga	ttgtctccac	gttgaccccg	gccgccttgg	caaaaacgcc	360
aatggtcagg	ttttcnaaat	tattttccat	atcgcttga			399

<210> 159

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 159

ggcatagctg	accttgccag	gcctgcttcg	ccctgtagtg	acgcgatcaa	cgggcaggaa	60
acattccccct	ttcgtgcatg	gcaggcgcac	acgagttcag	acagcacggg	ttccatgcgc	120
gccaagtcgg	ccatcttctc	gcgcacgtcc	ttgagcttgt	gttcggccag	gctgctggcc	180
tcctcgcagt	gggtgccatc	gtcgagccgc	aacagctcgg	caatctcgtc	cagactgaac	240
cccagccgct	gtgccgattt	cacgaatttc	acccgaacca	cgtccgcctc	cccatag	297

<210> 160

<211> 339

<212> DNA

<213> Enterobacter cloacae

<220>

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<222>(41)

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caacgtatgt ctgaaccaac aaaacggcgc ggtgcgctct tcgcccgcgg gctggccggc	180
attcttgcat cgacctgctg cctggggggcg ctantannnn nnnnnnnnnn nnnnnnnnnn	240
nnnnnnnnnn nnnnacaacg ttttctgcct ctgaagcctc cttttatttg tctcaaaatg	300
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<210> 161
 <211> 663
 <212> DNA
 <213> Enterobacter cloacae

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cgaagagcgc	accgcgccgt	tttggttggt	cagacatacg	ttggcccttt	tgaatttgga	180
ttggatagcg	taaccttact	tccgtactca	tgtacggagt	caagcgatat	ggaaaataat	240
ttngaaaacc	tgaccattgg	cgtttttgcc	aaggcgggccg	gggtcaacgt	ggagacaatc	300
cgcttctatc	agcgcaaggg	cctggtgctg	gaaccggaca	agccttacgg	cagcatccgc	360
cgctatgggg	aggcggaagt	ggttcgggtg	aaattcgtga	aatcggcaca	gcggctgggg	420
ttcagtcctg	acgagattgc	cgagctggtg	cggctcgacg	atggcaccca	ctgcgaggag	480
gccagcagcc	tggccgaaca	caagctcaag	gacgtgcgcg	agaagatggc	cgacttggcg	540
cgcatggaaa	ccgtgctgtc	tgaactcggt	tgcgcctgcc	atgcacgaaa	ggggaatgtt	600
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tag						663

<210> 162

<211> 960

<212> DNA

<213> Enterobacter cloacae

<400> 162

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gtctttaacc	tggtgctggg	ccggggtgaa	accgtcggac	aggagctggc	cgggaatccg	180
aaagtggcga	tggtcagcat	gaccggcagc	gtcggggcag	gtgaaaagat	catggctg	240
gctgcgaaaa	acatcaccaa	agtggggctg	gagctggg	gtaaaagccc	ggccatcg	300
atgggcgatg	ccgatcttga	gctggccgtg	aaggccattg	tggattcacg	cgatcatca	360
accgggcagg	tgtgtaactg	cgcggaacgt	gtctatgtcc	agaaggggat	ctacgaccgc	420
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gtggcgcgcg	cggtgcagga	gggggccaaa	gtggtccttg	gcggtaaagc	ggcagaaggt	600
aaaggggtatt	tttatcccc	aacgctgctg	ttggacgtgc	gtcaggatat	ggccatcatg	660

cacgaagaga	cctttggccc	ggtgctgccg	gtggtggcct	tcgacaccct	ggaagaggcc	720
ctgaacatgg	ccaacgacag	cgactacggt	ttaacctcgt	ctgtttatac	gcaggacctg	780
aacgtcgcca	tgaaagccat	taaggggcct	aagttcggcg	agacctacat	taaccgtgaa	840
aactttgaag	cgatgcaggg	cttccatgcg	ggctggcgga	aatccggaat	cggcggggca	900
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<210> 163

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 163

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gataatgggt	atztatcggt	aaacaacatg	cgcacaaaat	atacgggtct	gcaaatcagc	120
attcactggc	tggtttttct	gttagttatt	atggcctatt	gcgccatgga	gttcatggga	180
tggttcccg	gaagcgatcg	tccgctcatt	aatatgatcc	acgtttcctg	cgggatcagc	240
atcctggtgc	tgatggtggc	gcgcctgctt	atccgcctca	aattcccggc	tccgcctatt	300
caaccgaaac	caaaagcgat	gatcaccggg	ctgtcccata	tggggcatct	ggttatctac	360
ctgctgttca	ttgccctgcc	gctgatctgc	atggtgatga	tgtataaccg	gggaaatgac	420
tggtttgcgt	tttggcctga	ctaa				444

<210> 164

<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 164

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aattccctta	ttggtttgca	cccccttgcc	ccgctgaatc	ctccctatct	ccttgaaaag	180
acaacacccc	tgctgccccca	ttaa				204

<210> 165

<211> 345

<212> DNA

<213> Enterobacter cloacae

<400> 165

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ttcacctgcc	ccgacgctgc	cggtcatgct	gaccatcgcc	actttcggat	tcccggccag	180
ctcctgtccg	acggtttcac	cccggccccg	caccaggtta	aagacgcctt	tcggcaggcc	240
aatctcatcg	acgatttttg	caaacgcaat	ggcgttggtt	ggggtaaatt	cgctcggttt	300
gataacgatg	gtggttgccg	tgatcagcgc	gggagcaagc	ttacg		345

<210> 166

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 166

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ttcacggcca	gctcaagatc	ggcatcgccc	atcacgatgg	ccggggcttt	accgcccagc	120
tccagcccca	cttttggtgat	gtttttcgca	gccgcagcca	tgatcttttc	acctgccccg	180
acgctgcccg	tcatgctgac	catcgccact	ttcggattcc	cggccagctc	ctgtccgacg	240
gtttcacccc	ggcccagcac	caggttaaaag	acgcctttcg	gcaggccaat	ctcatcgacg	300
attttggaac	acgcaatggc	gttggttggtg	gtaaattcgc	tcggtttgat	aacgatggtg	360
ttgccggtga	tcagcgcggg	agcaagctta				390

<210> 167

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 167

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tcagtgaagt	aagcggttca	ttcaaaagca	tttctgaaaa	ccgtcaccag	ccagccgggc	120
gtctaccgaa	tgtacgacgc	tggcggtagc	gttatctatg	tcggtaaggc	aaaagatctg	180
aaaaaacgcc	tttccagcta	tttccgcagc	aaccttgcc	cccgtaaaac	cgaagcgctg	240
gtcgcactta	tacacaacat	tgatgtcacc	gtgacgcaca	cggaaacgga	agcgctgctg	300
cttgagcaca	actatatcaa	gctgtatcag	ccgcgctaca	acgtcctgct	gcgcgatgat	360
aagtcctacc	cgtttatctt	cctgagcggt	gatacccatc	ctcgcctggc	gatgcacgtg	420
ggcgctaagc	atgcgaagg	tgaatacttt	ggccctttcc	cgaacgggta	tgccgtacgc	480
gaaacgctgg	cgctgttgca	aaaaatcttc	cccgttcgcc	agtgtgaaaa	cagcgctctac	540
cgcaaccggt	cccggccgtg	cctgcaatat	cagattggcc	gctgcctggg	gccgtgctgt	600
gaagggctgg	taagcgaaga	agagtacgcg	cagcaggtgg	aatatgtccg	cctgttttta	660
gccgggaaag	acgatcaggt	gctgacgcaa	ctgattactc	gtatggaaaa	agccagcgcg	720
gcgctgggaa	tttga					735

<210> 168

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 168

caacagacag	ttaccgtcat	catgcgattt	aatatcccta	cgttgctcac	tctctttcgc	60
gttgtgtctca	ttccgttctt	cgctcctggca	ttttacctgc	cggtcgtctg	ggcgccctttt	120
gcctgtgcgc	ttattttcc	gatcgctgcc	gtgacggact	ggtttgacgg	ttatctggcg	180
cgtcgctgga	accagagcac	ccgctttggc	gccttcgtct	tgccgcacag	gcctggctga	240

<210> 169

<211> 1203

<212> DNA

<213> Enterobacter cloacae

<400> 169

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gacctcgatg	ttatcggcgt	agcctttgac	gccggctctg	cctgtgttca	cggtgctgtt	180
attcgtcagg	gcaaagtgt	cggcagccgc	agctacttcc	cgaagtgc	ggcgggcact	240
gagctgggtg	aagtgggtga	gacttttgtc	ggccagtttt	atttgacagg	cagccagatg	300
cgtagcgtgc	cctcggagat	ccttctggac	ttcacgctcg	acgataaaac	cctgctggca	360
gattcgcttt	cagagctggc	aggccgccc	gtgaatgtcc	agacgaaacc	gcggggcgat	420
cgcgcgctt	atctgaagct	ggcggaacc	aatgccgcca	cggcgctgac	caccaaactg	480
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tcgtgtgtgg	tctttgatgc	gaatggcccc	ctgcgggcag	agtatcgctg	ctataacatc	660
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ccgctgctgc	taggggtagc	gaagggggca	gatcgtaagg	ctggcctgga	aacgctgttc	900
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cagcatattc	gcgatgagtc	gcacgatcat	gccatcagcg	ggcaccgtaa	aaaacgggcg	1020
aaagtgaaaa	ataccagtac	ccttgagacg	attgaaggcg	tcgggcaaaa	acgtcgccag	1080
atgctgttga	agtatatggg	cggattgcaa	ggattactca	acgccagtat	ggaagaaatt	1140
gcaaaagtgc	cgggtatttc	gcaagggctg	gcagaaaaga	tctactactc	gttgaaacat	1200
tga						1203

<210> 170

<211> 522

<212> DNA

<213> Enterobacter cloacae

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 acaccagtac tgattcattt ctgtaccaaa aaacagggca tgcgccctgt tttttttcgg 180
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 gaatgtcagg ttgaggtggt atctgtccga caggggcagg ggggacaaaag tacatcgcg 360
 cagaaaaata ctctttttat acccgcta atcagcgattg atttaacgcg aatcagttta 420
 aatattcgct caggggatgc ggtaaaaaata atcgtcaccg tttccgatgg aaaatcgctt 480
 catttatcac agcagtgga cgcaccggta agtgcgcttt aa 522

<210> 171
 <211> 561
 <212> DNA
 <213> Enterobacter cloacae

<400> 171
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 ttgtttatga tgtttacatt actgggtgcg cctgggtttg taatcgcagg tgattcagat 180
 ttagccagtt ctgaatataa ttttgcgata aatgaattaa gtaaagcttc atacaatcag 240
 gcagccatta ttggtcaaca ggggttcagga aataattctg atgtacgcca ggacggttct 300
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 cagggcgctt ttggcaacac cgccatgatt atccagaaag gctcgggtta cagggcgaat 480
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 attcgcggtta ttcaacgtta g 561

<210> 172
 <211> 477
 <212> DNA
 <213> Enterobacter cloacae

<400> 172
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 gtttctggca gtgctttcgc aggtgcggta ccacaatttg gcggcgccca cgggtgggtggc 120
 tggggtggcg gcaataacgg ccctgactca accctgagca tttaccagta cggcggcgggt 180
 aactccgcgc ttgcttttgc gacggacgcc cgagattctg aattgaccat taccagcat 240
 ggtggtggta acggcgcgaga tgttggccag ggctctgatg acagttctat cgatctgctg 300
 caaaaaggct ttggtaacag cgccaccatc gaccaatgga atagcaaaga ctctgttatc 360
 aacgtgaaac agttcggcgg cggaacggc gcggcggtag accagacagc gtccgggtca 420
 acggtgactg tgcaccaggt tggctttggc aacaacgcga ccgcacacca gtactga 477

<210> 173
 <211> 891
 <212> DNA
 <213> Enterobacter cloacae

<400> 173
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 ttcgggctgg tgctaagcct gacgggaatt cagtcgagca gcgttcaggg tctgttgatt 120
 atggcgctgc tgtttggttt cgggtggctct ttcatttcac tgctaattgc gaagtggatg 180
 gcaactgaaat ccgtgggcgg tgaagttatt gagcaaccgc gtaacgatat ggagcagtg 240
 ctgatgagca cggttgctca gcagtcaaag caggcaggca ttgccatgcc gcaggtagcc 300
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 gtggccgtca gcaccggtct gctgcaaaaac atgagccgtg acgaagcggg agcggttatt 420
 gctcacgaga tcagccacat cgctaattggc gatatggtca ccatgaccct gatccagggc 480
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tccccgtcatc	gtgagttcca	tgcggatgcc	ggttccgcga	aactggtggg	tcgtgaaaag	720
atgattgctg	cgctgcaacg	tcttaaaacc	agctacgagc	cgaggaagc	aaacagcatg	780
atggccttct	gcatcaacgg	caagtcaaag	tcgctgagcg	agctgtttat	gtctcaccgg	840
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<210> 174

<211> 1608

<212> DNA

<213> Enterobacter cloacae

<400> 174

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cgtgagacgt	taaaccgacg	ctacaagttc	gatattcgcc	gtctggcgca	gaccaacagt	180
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tcggtgaaaa	ccgtgggtaa	agagaaggtt	ggcgttctgg	atatcccagg	tttctacgtc	660
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aacgatcgct	tcaaacgtga	aggcaagcct	ctgctcaaaa	aactggacga	tctgcctaag	1500
gattaccagg	agcccgatcc	gtatctggac	gagaccgtgc	atatcgcgct	tgatctcccg	1560
aagctggaag	aaaataaacc	tgctgttcaa	cctgctccca	caaaataa		1608

<210> 175

<211> 926

<212> DNA

<213> Enterobacter cloacae

<400> 175

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ctctcccga	tggagcagat	tctgccatgg	cagaatatga	ccgctgtcat	cgagccgttt	120
tatcccaagg	cgggcaatgg	ccgacggccc	tatccgctgg	agaccatgct	gcgtattcac	180
tgcatgcagc	attggtacaa	cctgagcgac	ggtgccatgg	aagatgccct	gtacgaaatc	240
gcctccatgc	gcctgtttgc	ccgattatcc	ctggatagcg	ccctgccgga	tcgcaccacc	300
atcatgaatt	tccgccacct	gctcgagcag	catcaactgg	cccgtcaatt	gttcaagacc	360
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catcagacca	agaaaggcaa	tcagtggcac	tttggcatga	aggcccacat	tggtgtcgat	540
gccaagagtg	gcctgaccca	cagcctagtc	accaccgcgg	ccaacgagca	tgacctcaat	600
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ggagcgccac	agcgcgagga	gctggccgag	gtggatgtgg	actggctgat	cgccgagcgt	720
cccggaagg	taaaaacctt	gaagcagcat	ccgcgcaaga	acaaaacggc	catcaacatc	780
gaatacatga	aagccagcat	ccgtgccaaag	gtggagcacc	cgtttcgcat	catcaagcgg	840
cagttcggtc	tcgtgaaagc	cagatacaag	gggctgctgc	aacacgataa	ccttttcacc	900
agccgcggag	gatcagcatc	cggaag				926

<210> 176
 <211> 279
 <212> DNA
 <213> Enterobacter cloacae

<400> 176
 tctgtcttcat ggagaggagc aatttgtctc agccgatgcc ggctaccaag gagcgccaca 60
 gcgcgaggag ctggccgagg tggatgtgga ctggctgac gccgagcgtc ccggcaagggt 120
 aaaaaccttg aagcagcatc cgcgcaagaa caaacggcc atcaacatcg aatacatgaa 180
 agccagcatc cgtgccaaagg tggagcaccg gtttcgcac atcaagcggc agttcggctt 240
 cgtgaaagcc agatacaagg ggctgctgca acacgataa 279

<210> 177
 <211> 300
 <212> DNA
 <213> Enterobacter cloacae

<400> 177
 gctgtgggtc aggccactct tggcatcgac accaatgtgg gccttcatgc caaagtgcc 60
 ctgattgect ttcttgggtct gatgcacatc cgatcgcggt tgctgctctt tgttcttgct 120
 agagctgggt gcctcaatga tgggtggcatc caccaaagtg ccttgggtca tcatgacgcc 180
 tgcttcggcc agccagcgat tgatgggtctt gaacaattga cgggccagtt gatgctgctc 240
 gagcaggtgg cggaaattca tgatgggtgg gcatccggc agggcgctat ccagggataa 300

<210> 178
 <211> 348
 <212> DNA
 <213> Enterobacter cloacae

<400> 178
 tcggggcaaac aggcgcgatgg aggcgatttc gtacagggca tcttccatgg caccgtcgtc 60
 caggttgtag caatgctgca tgcagtgaat acgcagcatg gtctccagcg gatagggccg 120
 tcggccattg cccgccttgg gataaaacgg ctcgatgaca gcggtcatat tctgccatgg 180
 cagaatctgc tccatgcggg agaggaaaat ctcttttcgg gtctgacggc gcttagtgct 240
 gaattcacta tcggcggaagg tgagttaatg gtcgatgatg tccctctggg atgcgctccg 300
 gatgaatatg atgatctcat atcaggaaact tgttcgcacc ttccttag 348

<210> 179
 <211> 1560
 <212> DNA
 <213> Enterobacter cloacae

<400> 179
 gtccttccag ccgcctgtgg tgaaaacgat tcccgtcggg cagaaatgct gcaacaggcc 60
 aacgcgctgg acgagcgoga aagtttctcg tcattacgcc gtcttgctg gcagaatgg 120
 cactacttta cgctgcgaac cacttttaac cagccgggcc atctggcgac cgtggttgcc 180
 ttcgacctgc cgattaacga tctcatcca ccgcatatgc cgctggacag cttccgtctg 240
 gagccagaca acagcaccca aaatatgcgc tcgccgtcgg ataaagaagg cgcggacagc 300
 gtagccatct catttaatgg ctcaaagatt gagattgctt catcgctcaa ctcaaccgg 360
 atgcgtctgg tgtggcagggt gccttttggc accctgatgc ttgatactct gcaaaacatt 420
 ctgctgccgc tgctgctgaa tatcggcctg ctggcgctgg cgctgtttgg ttacagcacc 480
 ttccgtttcc agtcgggccg ccagagcgac tcgacatcgg tatcagccgg gaccagcaac 540
 gagctgcgca ttcttcgtgc cctgaatgaa gagattatct ccgtgctgcc gcttgggggtg 600
 ctcgttcacg atcaggaggc aaaccgcacg gtaatgagca ataaaattgc cgatcacctt 660
 ctgccgcatc ttaacctgca aaatattacg gccatggcgg accagcatca gggcgctac 720
 caggccacca ttaataatga actgtatgag atccgtcagt tccgcagtca ggtcgctcg 780
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aagatcaccc	ttgaagtcag	caccgatgag	tccaccgacg	atcgtctgac	gttccgcatc	1320
cttgatacgg	gtgaaggcgt	gaccgtgagc	gaaattgata	acctgcactt	cccgttcctg	1380
aacgataccc	agcgcgacca	ctacggtaag	gcgaatgccc	tcaccttctg	gctttgcgat	1440
cagctggcgc	gtaagctggg	cggtcacatg	aacattaagg	cgcgcgaaac	cctcggcacc	1500
cgctactctt	tacacgttaa	aatggtgtct	tcaccacggg	gatggagcat	ccgcccttga	1560

<210> 180

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 180

tccgtaagga	gcaattcgat	gcgtcattac	gaaatcgttt	ttatgggtcca	ccctgaccag	60
agcgaacagg	ttccgggcat	gatcgagcgt	tactctgctg	ccatcactgg	tgcagaaggc	120
acgatccacc	gtctggaaga	ctggggccgc	cgtcagctgg	cttaccgat	caacaaactg	180
cacaaagcac	actacgttct	gatgaacgtt	gaagctccgc	aggaagtgat	cgatgagctg	240
gaaactacct	tccgcttcaa	cgatgccgtt	atccgcagca	tggttatgcg	taccaaacac	300
gcagtgaccg	aagcatctcc	gatgggttaa	gcgaaagacg	agcgccgtga	gcgtcgcgat	360
gatttcgcaa	acgaaaccgc	agatgattct	gatgctgggg	attctgaaga	gtaa	414

<210> 181

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 181

tttctgatga	ccaaccgtct	ggtgttgtcc	ggcaccgtgt	gcaggacccc	ccttcgaaa	60
gtcagcccat	caggaattcc	gcattgccag	ttcgtgcttg	agcatcgttc	tgtgcaagag	120
gaagccgggt	ttcaccggca	ggcgtggtgc	caaatgccc	taattattag	cggacacgaa	180
aaccaggcca	ttactcacag	ttttaacggt	cggtaa			216

<210> 182

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 182

acaacatcat	cagaaatggt	cacccatccc	aaccgggta	gcgattacac	tttaatcaga	60
aaccctgaac	agagaaggag	agcattcccc	cgtatcacag	cacgcagtcg	tggagcgc	120
atcatgaaaa	gaatcgcaat	cgccattttg	gctgcgcttt	tgctcagtcg	aaacgcgatg	180
gcagccatca	gaatagacag	ccaacaggcc	agaaacatgg	atgatgtgca	gagcttaggc	240
gttatttaca	tcaatcataa	cttcgccact	gaaagtgaag	cagatcaggc	gcttaatgaa	300
gaaaccgatg	cgcatggcgc	aaaatactat	cacgtcatgc	tgacacgtga	gcccggcagc	360
aacggttaata	tgcacgccag	tgcagatatt	taccagtaa			399

<210> 183

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 183

aatcgggctg	ttgctgaatg	taaacacgac	ggaagatttg	cagatgatgc	aggagagaaa	60
atgatacccg	tattagcgat	ctcagcctgg	agtggcaccg	ggaaaacttc	gctgctaaaa	120
aaactgatac	ctgcactttg	gcgcaaaggc	attcgtccc	gattgattaa	gcatacgcac	180
cataacatgg	atgtcgataa	accggggaaa	gatagctatg	agctgcgtaa	ggctggcgct	240
gcacaaacga	tgggtggcag	taaccagcgc	tgggcgttaa	tgacagaaac	accggatgaa	300
gcaccgctgg	atctcgctta	tcttgtcagc	cggatggatc	actccacgct	ggatctgggtg	360

ctggttgagg	ggtttaagca	tgaggctggt	gcgaagatcc	tgctattcag	aagcgatgcc	420
ggacatgacg	taagtgaagt	aacgctggat	gaacatgtga	ttgccgtggc	cagtgaagtt	480
gcgttgacgc	tgaagatacc	ggttctggat	ttgaataatg	tggaggggat	tgcagcggtt	540
atttcggcgt	ggtgtgcagt	ctga				564

<210> 184

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 184

tttattcgta	aaggccaggg	cgtaaccccc	accgcgtacg	ccaccattct	gcatgagtag	60
atcagccagg	gtctggaatc	gattctgggc	gcgctggatc	tcaccggcag	ttacgataag	120
caacgaacca	tcaccatagg	cacctctccc	tctgtgggcg	ttctgggtcat	gcccgtctatt	180
taccaggctg	ttaaacagca	tgcgccacag	ctgctgatcc	gcaacgtgcc	cgtaaacgat	240
ccggaaactc	agctggcgca	attccagacg	gacctgatca	tcgacagcaa	cagcttcgcg	300
gccagagcat	tagggcataa	cgttctctat	accgactctc	tggcgctcgt	ttgtcgtcag	360
aatcatcctg	tattgagcgc	acctttgacg	cctgaaaatt	tgcgtcatta	cgaacatgca	420
acctttatgt	ccgaggggca	gggcccggat	ccgctgcgcc	agcgtattga	cgaactgttc	480
ccggaccgtc	tgatcagctt	cagcagttac	aatatgttta	ccctcgcggc	cctgattggc	540
agcagcgatt	tgctctgtat	tatgcctgtg	cgtctcttcg	ctttgcttca	aaaatgctgg	600
ccgctggaga	gcattccatt	gagtcaactt	acgacggaat	ctggtgaaat	ctcactgcat	660
tacaacaagc	taagcctgcg	cgatccgggtg	ctggaaaacg	tcattaacgt	gatccgccag	720
gctttctga						729

<210> 185

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 185

attgaaacgc	tttccttcga	tattcgcaac	tggaacacgc	acgctatgag	taaaccatt	60
gtgatggaac	gcggtgttaa	ataccgcgat	gccgataaaa	tggcccttat	cccgggttaa	120
aacgtggcta	cagagcgcg	ggcgctgtta	agaaaaccgg	aatggatgaa	aatcaaactt	180
ccggccgact	cttcgcgtat	ccaggggatc	aaagcggcga	tgcgcaaaaa	tggctctcac	240
tctgtctgtg	aagaggcctc	gtgccctaac	cttgctgaat	gtttcaatca	cggtaccgcg	300
acatttatga	ttctgggtgc	catctgcacc	cgccgctgtc	cgttctgtga	cgttgcccat	360
ggccgtccc	ttgcgccaga	cgtaaacgaa	ccgcaaaaac	tggcgcagac	gattgccgat	420
atggcgctgc	gttatgttgt	tattacctcc	gttgaccgtg	acgatctgcg	cgatggcggt	480
gctcagcatt	ttgctgactg	tattaccgcc	atccgcgaaa	aaagcccga	cattaagatt	540
gagacgctgg	tgccggattt	ccgtggccgt	atggatcgcg	cgctcgatat	cctgaccgcg	600
acgccaccag	acgtgttcaa	ccacaacctg	gagaacgtac	cgctatctta	ccgtcaggta	660
cgtcccgtg	cagactacaa	ctggctcgctg	aagctgctgg	aacgctttta	agaagcccat	720
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attgaaagtga	tgcgcgatct	gcgcgcccac	ggcgtcacca	tgctgacgct	gggccagtag	840
ctccagccaa	gccgtcacca	cctgcctgta	cagcgttacg	taagcccggg	tgagttcgat	900
gaaatgaaag	ccgaagcgat	ggcgatgggc	tttaccatg	ccgcgtgcgg	tccgtttggt	960
cgctcctctt	atcacgccga	tatgcaggcg	aagggcgaag	aagtgaata	a	1011

<210> 186

<211> 561

<212> DNA

<213> Enterobacter cloacae

<400> 186

aggtgcatct	gcctagtaaa	aatattcttc	agtgccagt	agaaaaatat	gagcgactac	60
atacctaata	agagagggct	gcttatactg	gattggtagt	tcccccttaa	tattttattg	120
ctgattctcg	ttatgtgtgt	ctttttcacc	cgttatatac	ttggatacgg	tttattgaat	180
gggtgcctgc	ctgctgattt	ttatatgatt	gatcattcgg	ataaaagtat	taaaactggg	240
gaactcatat	catttaacat	gccgaaatcg	gtacgtttta	tcccacaaaa	tgaacgagtc	300
ataaaaattg	ttgccgggtg	gggcgggtgac	aaacttaaag	taacaatgga	tgggggttat	360

aacggggaca	aatTTTTtga	aactaatgca	cgTcgTatTT	cgaagaaata	caatattccg	420
tccattttga	ttgaaaaaga	attgataatt	cctgaaggcg	aagTTTTcct	aattggggcaa	480
accgatcact	catgggattc	ccgTTTTtgg	ggaacagtaa	agctgaattc	agtaattggg	540
aaaacatatg	cgatctttta	a				561

<210> 187

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 187

tgtgcagttt	taagtaatac	aaatgcaagc	actgaatatac	aacatgatgc	tgacctaatac	60
gctcagcaag	caaaggggct	tggggcacag	gctaaagggtg	cacagcagcc	agatgggggct	120
cttagccttg	atgctacgct	aaaatcacca	gatgtgcaga	agtacatagc	gcaagctgaa	180
gcactccaaa	aaaaccagga	cctgagcaag	caaataaacc	gtggttacgt	ccccggatatg	240
aatgcggata	gtgttcaagc	agttatagac	catacccagg	ctatcagggc	ccaaagtaat	300
aactctgaag	ctgtcaacga	tataattaga	agacgtgatg	aaattcaaga	aaacgccagc	360
cttaatgaag	cggctctgaa	agctgtggaa	aataagccgg	aagtcatgcg	aggacaagct	420
aaaaatatcg	aaaaattggt	tggttcctcg	ggcatcacag	ctgctgactt	cgaaagaaaa	480
atggatagca	cacgtgaaga	agcactatca	actgaaaatg	gaataacgat	ctttgcttca	540
tttagcttgc	cggattatgt	actggaagac	cttctacgta	cggcctcaga	gcataaagct	600
cgtgtagtgt	tcaatgggtc	aaagaaagga	actactcggc	taccagagac	acaggcagca	660
ataaaccaaa	tgattgtcaa	aggaaaattt	gaatctcctt	tgattacaat	tgatcctgat	720
agcttcagtc	aatatcaagt	aactcaagta	ccgacaatta	tttctaggga	gcaagctcgt	780
tttgccaaaa	tgggtaagct	ccttcaacgt	tga			813

<210> 188

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 188

atgaattttac	gaacaaaggg	atTTctgtta	atcattaaag	atgaagggtga	caccaaagaa	60
tttacaattg	aaaatcctgg	caaataataca	ttgatgggtg	ttttcaaaga	taaccgaaac	120
aatgaacagc	gtatcgaaaa	tacctttgtt	gtcgatgaac	aaacgccaat	gaacgttgag	180
atgacaccca	agttctctaa	caaatatatg	agagctccac	tcgatgtaac	cttaagggtca	240
aacatcaaga	tatctcattc	ggcgggactcg	atagatacgg	tcacatacaa	ggtgaacggt	300
gaagtaatac	ccagcggcaa	aaattatttg	gctcaactga	tctcgggttt	aaaagaaaag	360
aaatacgaga	ttacaattga	tgttggttag	aaacttgagc	agagagggtc	agcatctggt	420
gagtttgatg	tcgttaaaaa	cgcagtgccct	aattgtacat	tgagctacac	ggaaaccaac	480
ctaagctgga	gctttaccaa	taaatgtgat	gatactgatg	gaaaaatggg	tagatatgaa	540
tggttcatca	acggcgcaatt	aagggaacgtt	ttcggtagta	cggctacact	ttctaaaaaac	600
cttaaccgtg	gtaagcagga	cataaaagta	attgcttatg	atgatagtgg	agactttgca	660
acacagcacg	tgacagtttt	cggaccggct	gaagaggcaa	gtaagtctga	aaacactgta	720
tcaataccaa	gcagtgaagta	g				741

<210> 189

<211> 417

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (153)

<400> 189

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accccgcata	tgcggggttt	ttttgttccc	gattccaggg	tatcgtgcgg	atgccgggtg	120
gcggttgcg	attaccggc	atacagaatt	cantatgctc	gaatcgaacc	ttgggtcgaag	180
cttttttatcc	gtccccgc	gggagaacca	tggggcattg	tgcttttgga	tagtgctaaa	240
gaatccggaa	gtgatgggtg	tgggggaagg	attactcagc	gcttcgcgct	tcgcccttcg	300

ggtcgttgca	tgcggcaacg	ctttctcgat	acgctcgaat	cgaaccttgg	tccaagcttc	360
tcattcattcc	ccgcactgaa	gaaccatggg	gcattgtgct	ttgagagagt	gctgtag	417

<210> 190
 <211> 336
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (110)

<400> 190						
ttcgctgtat	taatacaacc	ccgcatatgc	ggggtttttt	tgttcccgat	tccagggtat	60
cgtgcggatg	ccgggtggcg	gttgcgcatt	acccggcata	cagaattcan	tatgctcgaa	120
tcgaaccttg	gtcgaagctt	tttatccgtc	cccgcattgg	agaacctatg	ggcattgtgc	180
ttttggatag	tgctaaagaa	tccggaagtg	atgggtggcg	gggaaggatt	actcagcgct	240
tcgcgcttcg	cccttcgggt	cgttgcatgc	ggcaacgctt	tctcgatacg	ctcgaatcga	300
accttggtcg	aagctttctca	tcattccccg	cactga			336

<210> 191
 <211> 519
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (490)

<400> 191						
ttcgaggaag	ccgaagacca	cgcggggaac	tccacagagg	cgaaaaccat	ccgcgatgac	60
cgcaaataca	ccaagcgcg	gcgcgaactg	ccagcgaatc	gtctcaaccg	aaagcgagcc	120
cgcagccagg	cgaagaagga	cggcaacgca	aaagagcagc	agcaggatca	gatcgaaacc	180
aaaatcgaac	agcagggcga	agaaatcgaa	aacatcaaca	gcgaccagga	aaagcagagc	240
cgcgagatca	aggaaggcca	tcagggagaa	gagaacgacg	aagcgaagac	cacgcaggca	300
gagcaggaag	aaatcggcag	gaaggagcga	aagagacaga	aggaaaccca	gcgcgcgaag	360
aacatccagg	agcgcgaagg	gcgtcagccg	ggcggacagc	aggagcaggc	gcgagagatc	420
aaacgcgaaa	tcgaatccca	gcagccgcac	aacgaatccc	tgttccagaa	ggtcaattac	480
ctgagctatn	ttaaccgcgc	gggtcgaagg	acacgcgcga			519

<210> 192
 <211> 810
 <212> DNA
 <213> Enterobacter cloacae

<400> 192						
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ggcggcgccc	tgttgacgcg	ttacgggcaa	cgtctgatcc	agctctacga	tttactggcg	300
cagatccagc	aaaaagcatt	tgatgtgctg	agcgatgacg	acaacctgcc	gctggacagc	360
ctgctgggcg	ccatctcccc	tttctctttg	cagaccagcg	cccgtaacca	gtgggttggt	420
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ggcacgacgc	gcctgaaagc	cgccatcacc	gcgcaaagtg	gtcaacgcct	tgggctgaac	540
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gagcaggccg	cagaggccga	caaccagctg	cggggacgca	tcagccacat	cgagcgcggc	660
gcgaacacgt	gtgaagtgct	gatgacctg	ccggatggac	agttgctctg	cgccaccggt	720
ccggtgaacg	acgcgaccga	attagacgaa	ggtgctgtgg	tgaccgcata	tttcaatgca	780
gacagggtaa	ttatcgccac	attgtgctaa				810

<210> 193
 <211> 1164
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (985)

<220>
 <221> unsure
 <222> (1131)

<400> 193
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 agcggaaaat ccgcgctggc ccgcgctttg gctggcgaaa taaccaact gaagggtgaa 180
 cgtcgggtgca cctttaccog gctgacgcgc ctttccttcg aacagctgca aaagctggtc 240
 agcgatgagt ggcagcgtaa caataccgat ttgctcagcc ccggcgaga agataccggc 300
 cgcacgacgg cggaaattat ccaggatgag ataaaagatc ctgcccgtg tcagcagctg 360
 gcggagcaat ttggcattac cgccctgctt aaccgccgtt tcaaatatct ttctaccggc 420
 gagacgcgca aaacgctgct gtgccaggcg ctgatgagcg agccggaact cttgatcctg 480
 gatgaaccgt ttgacggact ggatgtgcag tcccgcgcgc agctggcagc gttgctggcg 540
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 gatttcgtac attatgcagg cgtgctggcg gactgtagcc tgaccgaaat cggcgagaag 660
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 ctggttcgccc gtcgcgcggg gcacnnggat accatctggg atatcaaaaa gcacttccgg 1020
 tatgtcagca gcaccctgca tctgggacta ccgggtgagc aacaccgttg caaaacgtta 1080
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<210> 194
 <211> 792
 <212> DNA
 <213> Enterobacter cloacae

<400> 194
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 gacttcgaca gccttacgac cagcacacc aacaaatggc aacagctgga gccgcagctg 180
 ttcagcatca aaaccgttcc cgcttttgcc atcaaccagc gcgcgcttct gctgcgtacg 240
 ccacagggca atgttctgtg ggactgcac gccaatcttg acccggcgac cagagcgta 300
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 cagtcaggcg acggcgtgct gctggccggg gatattttgc aggttacacc cggaaaagac 600
 gccgtgtcgt ttatgtggag ttatccgaat atgctgccgc tgcctgccc caccgttgag 660
 tcgttgatcg gccgactgac cgggaaaacg taccagcgcc tgtacggggc ctttgaagga 720
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 tgtctccgct aa 792

<210> 195
 <211> 831
 <212> DNA
 <213> Enterobacter cloacae

<400> 195

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acgcccttcg	gcgcagacac	gggtgtagct	gatacccagt	tcggttcgct	gacgcgacct	120
gtacaggatg	aagcgatggc	gaactggcag	gaggagggt	ggaaggaagc	gccgctgccg	180
gtgtggaatc	tgcttaacta	cgcggtgctc	caggaaacgc	gtaacgggat	ggcgtgttt	240
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tccgggatca	aaatgccggt	gcctgattcg	cagatgcggg	gccagttaac	ctgtcgcttt	420
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ctcagtgcgc	tgaaaaaagc	ggaggatcgt	gacgagatga	ttcttcgtct	gtacaaccct	660
tcggagacc	gctcctgtga	cgtggccttg	tctgtgaacc	gtgagatcca	ggcctgtctc	720
gaaacggaca	tgaatgaggt	gtacaaggcg	caaggggaa	agggtcagc	cattacgggg	780
tctttccggc	caggccagtc	acgtaccttc	agcataaaaa	ttgaaaggta	a	831

<210> 196

<211> 204

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (51)

<400> 196

ggacttatcc	tggcgggggt	tataaattcc	cctatggttg	gccaggggtt	nttcttattc	60
aacatcccaa	ttggcgccca	cgtaggttgt	ggggggtttc	ttaagggtgc	cagttacagg	120
ccaaaaccgg	aggatgtgga	atttgatgcc	aggagggacc	tttttttttg	ccatcattgg	180
gccttccctt	tgcagtcggg	ataa				204

<210> 197

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 197

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cccggtggtg	aggttgacct	gctggccagc	cgtgagggtc	gcattgcaac	cgcaatctct	180
gctggtaatg	gcctatccca	ggctgcaatc	gtattcatac	ccagctacgc	cttcctcgcc	240
ctttcactgt	cagagtccat	ggccagtttc	agcctcctcc	ccttcgtcac	caccatggcc	300
ctctcgcccc	ccattgtggg	tgttctgctg	gacagggttg	gttcaagggt	agtgatgatc	360
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cctctcttca	tacttgctga	ggtgctcatg	gccctcggac	tcataaccgt	cataggggca	480
cccctcaggt	acataatgct	atctgaaact	ccccccgaac	acagggcac	tggacaggcc	540
ctgataaaca	tattatcaag	tgcagggcag	cttggtggag	gtgcactcat	cgggtggcatt	600
gtagcgtcca	tgggtagtgg	agtaatgggt	tacaggttct	cattcctctt	ccttggttga	660
gttgcatcca	cactcttcct	gctatcaacc	ggtctcaagg	gaagagacgt	agagcttgag	720
acaatgaaga	gggacagctg	c				741

<210> 198

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 198

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tggcgctcgc	tgcgcaacct	ggcgcgcgat	ccgagcctca	cttttgagtg	gatcggtggtc	120
gatggcggct	cgaacgacgg	cacggcggag	ttcctggaaa	aactcaacgg	tgagttcaac	180
ttacgttaca	tcagcgagaa	agataaaggc	atttacgatg	ccatgaataa	aggcatcaac	240

atggcgcagg	ggcgttacgc	catcttcctc	aattccggcg	atgtgttcca	tgaaaatgtg	300
gcgctgtttg	cccgtcagct	ggcgcgccag	aaagaagatg	ccatgtttat	cggtgatgcg	360
ctgcttgatt	tcggcgaggg	gaaaaaagtg	ctgcgcgggtg	cgaaaccagg	ctggtatatc	420
taccacagcc	tcccggccag	ccatcaggct	attttcttcc	caatgagcgg	tctgaaaaaa	480
cagccttacg	atltgcgcta	taaagtgtca	tcagattatg	ccctggccgc	cagtctttac	540
aaatctggct	acccgttccg	tcgaattaaa	ggactgggat	ctgaattttc	aatgggcggc	600
gtgtcaacct	cgaataatct	ggaactgtgc	caggatgcc	aaaacgtgca	gcgtaaaata	660
ttacgcgtgc	cggggttctg	ggcggaatta	tcttatttct	tacgtctgaa	aacgacgggt	720
aaagcgaaag	ccttatataa	caaagcctga				750

<210> 199

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 199

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atactgtacc	gctggcgcg	atltttactg	cgtctgtttg	gcgcaaaaat	aggaaaaaac	180
gtagtcattc	gaccttcggg	gaaaattact	tatccctgga	aattaacact	tggggattac	240
gcctgggttg	gggatgacgc	agtgttatat	acccttgggtg	agattacgat	tggcgcaaat	300
tcggtggttt	cacagaagtg	ttatttgtgc	accggtagcc	acgattttat	g	351

<210> 200

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 200

attatctatt	tttctgtggt	cgccgtactg	ttgacactgt	ggtatctgtt	taaagttttc	60
aaaatgatga	ttaacgcggt	tggtgataac	cagaactttc	gcgtgcaact	ttatctgttc	120
acaccggtgt	cgttgttttt	taccgggtca	atatttagcc	cggaatatgc	attcttaatt	180
gtatgtccgt	ttatttttgcg	caaggcgctg	aatattacga	gcgtatga		228

<210> 201

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 201

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actctcaatc	gtggtgtcat	ggccccgaag	ctgcttatca	tcgatgaaat	aggttatctg	120
ccgttcagtc	aggaggaagc	caagctgttc	ttccagggtca	tcgccaaatg	ttacgagaag	180
agcgcgatga	tcctgacctc	caacttgccg	ttcgggcagt	gggatcagac	gttcgcccggt	240
gatgcagcgc	tgacatcggc	gatgctggac	cggatcttac	atcactcaca	cgctcggtcaa	300
ataaaagggg	aaagctatcg	actgaagcag	aaacgaaagg	ccgggggttat	agctgaagct	360
aatcctgagt	aa					372

<210> 202

<211> 2127

<212> DNA

<213> Enterobacter cloacae

<400> 202

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aaccataaaa	tcggtgaagt	tcatgacggc	gcagccacca	tggactggat	ggaacaggag	180
caggagcggtg	gtattactat	cacctccgca	gcgactactg	cattctggtc	aggatggct	240
aagcagtagc	aaccgcatcg	cgtaaaccatc	atcgacaccc	cagggcacgt	tgacttcacc	300
atcgaagtag	aacgttccat	gcgtgttctt	gacggcgcg	taatggttta	ttgcgcagtt	360
ggtgggtgttc	agccacagtc	tgaaccgta	tggcgtcagg	caaacaaata	taaagttcca	420

cgcacgcgct	tcgttaacaa	aatggaccgt	atgggtgcta	acttcctgaa	agttggtggc	480
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gaagttccgc	tgtctgaaat	gttcggatat	gcaactcagc	tgcggttctct	gaccaaagggt	2040
cgtgcatcat	acactatgga	attcctgaag	tatgatgatg	cgccgaacaa	cgttgctcag	2100
gccgttatcg	aagcccgtgg	taagtaa				2127

<210> 203

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 203

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atcgccacg	ttgaccatgg	taaaactacc	ctgactgctg	caatcactac	cgtactggct	180
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gctcgtggta	tcaccatcaa	caacctctac	ggttagtatg	acaccccgac	tcgccactac	300
gcacacgtag	actgcccgag	ccacgcccag	tatgttagtc	ttcacccacg	ggcgctggac	360
ggatccacgc	ttaggttaa					378

<210> 204

<211> 705

<212> DNA

<213> Enterobacter cloacae

<400> 204

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acgacggctc	aagtcaccga	taacgtcacc	gggtgttctt	tcaggagttt	ctacttcaac	180
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aactttcgcg	cgaatcgctt	cgcggtgaagc	aacctgaggt	ttacccacgt	tcgcttcaac	600
gttgaattca	cgcttcatac	ggtcaacgat	gatgtccagg	tgcatgtcac	ccataccagc	660

gatgatggtc tggttagatt cttcatcagt ccatacacgg aatga

705

<210> 205

<211> 1113

<212> DNA

<213> Enterobacter cloacae

<400> 205

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cgggtgatcc	ggatcacaca	gagtgtcacc	agtggtcacg	tctttcagac	cgatagcagc	180
agcgatgtcg	cccgcacgaa	cttctttgat	ctcttcacgt	ttgttagcgt	gcactgttac	240
gatacggcca	aaacgttcac	gcgccgcttt	cacggagtcc	aggatgggtg	caccggagtt	300
aaccacacca	gagtaaagcg	ggaagaaggt	caggttaccc	acgaatgggt	cggtagcaat	360
tttgaacgcc	agtgcagaga	atggctcttc	atcacttgcg	tgacgctcag	ccggagtatc	420
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catggaacgt	tctacttcga	tggtagagtc	aacgtgccct	ggggtgtcga	tgatgtttac	1080
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<210> 206

<211> 189

<212> DNA

<213> Enterobacter cloacae

<400> 206

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ccaaaacgtt	cacgcgccgc	tttcacggag	ttcaggatgg	tgtaaccgga	gttaaccaca	180
ccagagtaa						189

<210> 207

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 207

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gccgcattta	ttgtggctat	caggggaacg	gtcacacaag	cagtattggt	aggtcttgcg	120
gcgacaattt	ctcatacctc	tattgtctgg	ctcattgcac	tgggcgggat	gtatatccgt	180
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aacgacatca	aaaaacgctt	tgctaatagc	agcgtataca	ccggacaaat	tatcctttct	780
cggcctgacg	gtcttcacca	cgccgatgga	aagatcaagc	gctcc		825

<210> 208

<211> 447
 <212> DNA
 <213> Enterobacter cloacae

<400> 208
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 cctaaacggg tgctccacct ttgccctgat gctggctttc aggtattcga gtttgatggc 120
 ggctttgttt ttgcgggggg gctttttcaa tatcctgact ttccctggac gttcagcgat 180
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 atcggcggag acaaattctt cgtcaccgtg cagaagatta ttcaattggg tcagggtcatg 300
 ttcattagcg gcggtgggca ccagcgtatg agtaaggccg ctttcagcat cgactccaat 360
 atgagccttc atgccaaagt gccactgatt tccttttttg gtctgatgca tatcgggggc 420
 acgctggttg tttttattct tgggtga 447

<210> 209
 <211> 987
 <212> DNA
 <213> Enterobacter cloacae

<400> 209
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 ggtaccctgg ttgatgccac aattatcgaa gcaccaagct caaccaagaa taaaaacaaa 480
 cagcgtgacc ccgatatgca tcagaccaaa aaaggaaatc agtggcactt tggcatgaag 540
 gctcatattg gactcgatgc tgaaagcggc cttactcata cgctggtgac caccgcccgt 600
 aatgaacatg acctgaacca attgaataat cttctgcacg gtgacgaaga atttgtctcc 660
 gccgatgcgg gttatcgtgg cgcagagaaa cgggatgagc tgaaggaccg tgatgtggac 720
 tggttcatcg ctgaacgtcc agggaaaagtc aggatattga aaaagcacc cgcacaaaac 780
 aaagccgcca tcaaactcga atacctgaaa gccagcatca gggcaaaggg ggagcaccgc 840
 tttagggtta ttaaactcga gtttgggttt atcaaagcac gctacaaggg gctgatgaaa 900
 aatgactcac agttagcgat gctattcacg cttagcgaacc tgtttaaagt ggatcagatg 960
 atacgacgac agactaaatc cgcctaa 987

<210> 210
 <211> 1032
 <212> DNA
 <213> Enterobacter cloacae

<400> 210
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 ttccagttca gcagcgtcgt gcgtgacggc gacaagcgtc cgggtgattta tgagccgggt 180
 ctgcacttta agatcccgtt cattcagtca gtgaaaacgc tcgatgcgcg tatccagacc 240
 atggataacc aggccgatcg tttcgtgacc aaagagaaga aagacctgat cgttgattcc 300
 tatatcaaat ggcgcacatc cgatttcagc cgctacttcc tggcaaccgg ggggtggcgac 360
 gtttctcagg cagaagtgtt gctgaaacgt aagttctctg accgtctcgc ttctgaaatt 420
 ggtcgtctgg atgtgaaaga cattgtgacc gactcccgtg gtcgtctgac gctggaagtg 480
 cgtgatgcgc tgaactccgg ctctgcgggc accgaggatg aagttgaaac cccggcggca 540
 gacgatgcga ttgccaaagc ggctgaacgt gttcaggctg aaaccaacgg taaagtgccg 600
 gtgatcaacc cgaacagtat ggccggcgct ggcatcgaag tggttgatgt gcgcacaaag 660
 cagatcaacc tgccagcgga agtgtccgag gcgatctaca accgtatgcg cgccgagcgt 720
 gaagcggtag ccgctcgtca ccgttcacag ggtcaggaag aagcggaaaa actgcgcgcg 780
 gcagcggact atgaagtcac caagacgtc gcggaatctg agcggcaggg tcgtatcctg 840
 cgcggtgaag gtgatgcgga agccgcgaaa ctgtttgctg atgcattcag ccaggatccg 900
 gacttctatg ccttcattcg tagcctgcgc gcttacgaga atagcttcaa gagcaaccag 960
 gatgtgatgg tgctcagccc ggacagcgat ttcttccgtt atatgaagac gccgaccaac 1020

gcaacgcgat aa

1032

<210> 211

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 211

ggggggggtcg	atgatttcgc	ccgctgcgta	aaatacatcc	gtgaagggca	agcgtacacc	60
aacgaagttc	agccgcgtgc	aaacgggtcag	gcacagcgta	ttctggaaga	agcgcgtgcg	120
tataagaccc	agaccatcct	ggaagcacag	ggtgaagtgg	ctcgcttcgc	gaagatcctg	180
ccggaatata	aagccgcgcc	ggaaattacc	cgtgagcgtc	tctatatcga	gaccatggaa	240
aaagtgctga	gccatacgcg	taaagtgctg	gttaacgaca	acaaaggcgg	aaacctgatg	300
gtcctgccgc	tgatcagat	gctgaaaggc	ggttctgcac	cggcagcaaa	agacaacagc	360
ggtgcgaaca	acctgctgcg	tctgccaccg	gcctcctctg	gcagcgccag	tgcgaaacaca	420
acgccttctt	cgaacgatgg	tgacattatg	gaccaacgcc	gtgccaacgc	gcagcgtaac	480
gactaccagc	gtcaggggga	ataa				504

<210> 212

<211> 909

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(756)

<220>

<221>unsure

<222>(764)

<220>

<221>unsure

<222>(765)

<220>

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<400> 212
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 gatgccggtg cttcggtttt ctggcgaatg gaccatgatg ccgactatgg cgtgctgaat 180

gatattgcc	gagggcaatc	agatccccga	aaaatagtcc	ttcagtggga	cgaaatgatc	240
cggaccgctg	gctccctgaa	gctgggcaaa	gtacaggttt	cagtgctggg	ccgttcattg	300
ctgaaaagt	aacgtccttc	cggactgact	caggcaatca	ttgaagtggg	gcgcatcaac	360
aaaacgctgt	atctgcttaa	ttatattgat	gatgaagatt	accgccggcg	cattctgacc	420
cagcttaatc	ggggagaaag	tcgccatgcc	gttgccagag	ccatctgtca	cggtcaaaaa	480
ggtgagataa	gaaaacgata	taccgacggg	caggaagatc	aactgggcac	actggggctg	540
gtcactaacg	ccgtcgtgtt	atggaacact	atztatatgc	aggcagccct	ggatcatctc	600
cgggcgcagg	gtgaaacact	gaatgatgaa	aatatcgcac	gcctctcccc	gctttgccac	660
ggacatatca	atatgctcgg	ccattattcc	ttcacgctgg	cagaactggg	gaccaaagga	720
catctgaaac	cattaaaaga	agcgtcagag	gcaganaacg	ttgnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	tactaaccgg	cccaggcacc	aggtccatgc	caaaatgggc	840
ggccaccccg	ccggcgaaaa	agcgccccgc	gccgttttgg	tggtccnaac	ttccgttggc	900
cccttttga						909

<210> 213

<211> 2229

<212> DNA

<213> Enterobacter cloacae

<400> 213

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tttgctagcg	catcggtgaa	atctgttgca	acgactttac	tggaagcaac	aatcctcgty	120
gtgcttgctg	ttatgttatt	tctacaaaca	tggcgagcat	cgattattcc	attagttgcc	180
gtgccgattt	cactagtagg	cacctttgcg	ttaatggatg	tattcggatt	ttctctcaat	240
acgttatcgt	tgtttggcct	tgttctttca	attggcatcg	ttgtggatga	tgcgatcgtc	300
gttggtgaga	acgtagagcg	acatattgca	aggggactat	cacctaaaga	tgcagccaga	360
aaggcaatgg	atgaagtaac	gggtcctata	ttagctatta	cttctgtact	ggctgcagta	420
tttattcctt	cagcgtttct	ttcgggatta	cagggagaat	tttatcgtea	attcgcgttg	480
acgattgcc	tctcgaccat	cctgtcggcg	atcaactctt	taacgtttatc	tccagcactg	540
gcttctgtac	tgtttaaac	acatcaaggt	acagataaaa	aagacatgct	gactcgggtg	600
ttggagcgcc	ttttaggttc	gttcttcggc	cgtttcaaca	catttttcga	cagggttatcg	660
gaaaagtacg	tagatactgt	aagacgtata	gttcgcggga	gtactatagt	cctgattttg	720
tatgctggtt	ttctggcaat	gactttcctg	ggattcaagc	aagttccggg	tggctttggt	780
ccggcgcagg	ataagtatta	tctcgttggg	atagcgcagt	tgccgacagg	agcctcgctg	840
gacagaacag	aagcagtcgt	taaggaaatg	accagacttg	cattagctca	gcctggagtg	900
gaaagcgtgg	ttgcatttcc	aggtttatct	gtaaacgggc	caaacatgcc	gaactcagct	960
ttgatgttta	cgatgctgaa	gcctttttaag	gatcgtcagg	acccttcctt	atctgcatat	1020
gccatagctg	gtagccttat	ggggaaattt	agcaaaaatac	ctgatggttt	tgttgggata	1080
ttcccaccac	cacctgttcc	aggtttggga	agtatgggag	ggttcaaact	ccaaattgag	1140
gacagagcag	gattaggttt	tgaagaactg	gccgagtgct	aaggaaacgat	catggctaaa	1200
gccatgcaaa	ctccagaatt	agctgggatg	atggctagtt	ttgaaactaa	ttcacctcag	1260
atccaggttg	acatcgatcg	cgtaaaagca	aaatctcaag	gagtggcttt	aactgacatc	1320
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cgtacatatc	gtgtaattac	tcaagctgat	gctccattcc	gcagtcaggc	tgaagataatc	1440
ggattactta	aagtgcgaaa	tgcggctgga	gaaatgatcc	cgttatcggc	tttgattaat	1500
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attacaggtg	gaacagcccc	cggttattct	tctggccagg	caaccgatgc	tattgaaaaa	1620
ataagtgaag	aaagcttacc	tgaggggatg	gcataatgaat	ggacggatct	cacttatcag	1680
gaaaaattag	cgggtaattc	tgcgctatat	attttcccat	tagcagtttt	ctttgcattc	1740
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ccaatggcgt	tgttttcggc	aattgggtggg	gtctggattt	ctaattggtga	taacaatatc	1860
ttcacacaaa	ttgggtttgt	cgtttttagtc	gggctggccg	ctaaaaatgc	catttttaatt	1920
gttgaatttg	cccgaactca	agagaatgaa	ggactctctc	ctttggaggc	cgtacttgag	1980
gctgcacact	tacgcttacg	tccaatcctc	atgacgtctc	ttgcatttat	tgctggcggt	2040
attccattgg	tactggcgag	tggcgcgggg	gctgaaatga	gacatgctat	ggggattgcc	2100
gtttttgcag	gaatgctagg	tgtaacgttc	tttggtattac	tgcttaccct	agtattttat	2160
gttggtgtgc	gtagtttttc	gataagacga	aaagtgaact	cccatcaatt	gttgagttag	2220
aaaagatag						2229

<210> 214

<211> 279

<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (272)

<400> 214
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 ggcaccacaa ctaaacagga tactttatat caattttcatc ttgacaacat gacatgcggt 120
 ggttgtgccc gtactgtgac taaagtaatt cagaaccttg atccggatgc tagcatcgta 180
 actgatcctc caactcgtaa agttgagata caaacgttgt tatcggttga tctgatttct 240
 gatgctttgc gtgaagcagg tttccctccg anggaatag 279

<210> 215
<211> 1152
<212> DNA
<213> Enterobacter cloacae

<400> 215
 ccgccatctg ttcagggagc gttggcaggt ggaccatcag ccagattcag ggggacgggt 60
 aaccgttgcg ggcattgcct ccggggccaca tttttacctt caccaacgcg ccgtttttca 120
 gcgataacgg ccgagtattt ggtgacggcg gcgggttacc atttcgagga gaaccgctac 180
 gcgatcgggt agggggagac cattcaccgc accgatttca gcgtcattcc ggcgtcgggtg 240
 tectaccgtc cggcgcagag cacggcgtgg ccgcgcacat acggcccgcg gacggcgaaa 300
 gtgggtggggc cgcaggggga gagtatctgg acggacaaat atggccgcgt gaaggagaag 360
 ttccactggg accgcctggc gaagggcgat gacaccagct cctgctgggt gcgcgtgtcg 420
 agcgcctggg cggggccagg ctacggcggg gtgcaaatec cgcgcgtcgg cgatgagggtg 480
 gtgggtggact ttatcaacgg cgacccggac cgtccgatta tcaccgggtc cgtgtataac 540
 gacgcgagca tgccgcctg ggcactgccg gctgcggcga cgcagatggg ttttatgagc 600
 cgcagtaagg atggccacaa agataatgcc aatgccctac gattcgagga taaggctggg 660
 caagagcaga tctggattca tgctgaaaaa aacatggaca ccgagatcga gaactgcgag 720
 acacatgacg taggggtaga ccgtaaaaaa attatcggcc gggatgagca cgtaacgggtt 780
 aagcgttaacc gggacgtgaa cgtggggggc aattcaacca gcaacacggg taatcagcac 840
 aaattcaatg taggtaaaaa ccaaaccgta ttgactatgg ataaagagg aaatgctctg 900
 ctggaagcga caacctcgat taagttaaag gtgaatgata actacattct tatcacgcca 960
 tcgacaattg aaattatcgt ttccgaaggg acactcaagg ctgagagtat tactgtggca 1020
 tccttcaaa ggcaggaggt gacgaagtta ggcggcggaa taaatgccga gatgaaagct 1080
 aatgatactc ttcattctca tggtaacaa ctgacagata ttaaaggcgc tgttgttaaa 1140
 attaacagct aa 1152

<210> 216
<211> 1092
<212> DNA
<213> Enterobacter cloacae

<400> 216
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 gcacattcgg ggccaatata gtccggaagc ccggacgtca tcatcggtgg ttttcccgcc 120
 gctcgaaagg gtgatacggt atcctgctcg acgcacggca gcggtattat tgtggggggc 180
 tccggtactg tcttcgttaa cggtatgcc cttgcacgtc aaggagacaa gacgaagtgt 240
 gatgttagcg gctcaccggc acctgccata ccgaaagcag cagcacctca atattggggg 300
 ggcacgctgg cgaataatgc cggcgaagat gggatgatgc acggcgaaca ttttgatgct 360
 cgtgttctgg gtgcgtacgc cagcctcgaa gataaaaacc tcaacgggtga ttttgatacc 420
 gcttcagctg gttttgcgtt ggcagatatt acaattggga atatgaaaag taaggatctg 480
 ctacgggacg aaatgcgtaa taaactcgcc gtcgccaatg cgacggggtc tctgtatggg 540
 ggcggaacg atattttatg cttgaatgcg aatgccgctg cgacagggtg acaatacggg 600
 ggttcgggtg ctgcgggtga agaaggaacg ttgtatggtg gagtatcagg ggaatgaact 660
 attggtacag cagaagctaa agccgtatta gaagtctata ccggcaatga tgggaaagt 720
 ggtttgactg ctgacgcggg tgcggaagcc aaaggaatga aaggcgaagt ttcgggtaac 780
 cttgatattc tgggcatcgt ttccggagaa gcaaaaattg acggtagctt tgggtctgct 840

ggtctcgcgg	gaggtggaag	cgctttctgg	gacactaaag	attattccgt	taacgtcagg	900
gtgactgggtg	gggctgcagg	gcttgatgg	cttaagggtg	atgcaagtct	gaaagtggca	960
tttaagccta	tactggattt	ctttgactat	ttgtatggcg	aagaggatga	gccagccgtc	1020
acctctgttc	tgacagaaa	cggggatggg	acaattatta	ccgggtgtgt	tactgttttg	1080
ataggcgatt	aa					1092

<210> 217

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 217

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ctcttcaaaa	atctgtcaga	tgaaacccgt	ctaggcatcg	tgtaaatgct	caaagagatg	120
ggagagctat	gcgtatgtga	tctctgcacg	gcgctagagc	agtcgcagcc	taagatctcc	180
cgatcatctgg	cgatgctacg	tgaaagcgga	ttgttgctgg	atcgcaagaa	tgggaaatgg	240
gttactactcc	gcttatctcc	gcataattcct	tcatgggctg	ctcagggttat	tgagcaggcc	300
tgggttaagcc	aacaggacga	cgtacaggcc	atcgcccgtg	agctggcatc	agctaactgc	360
tctggtagcg	gcaaagctgt	ttgtatctaa				390

<210> 218

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 218

catctaaaag	ctgctgcggg	ggtaataactt	cttggtgctg	aaatgtcagg	aggacatatg	60
aaattctttac	agaatatccc	accttacctg	ttttttaccg	gtaaaggggg	cgtcggtaaa	120
acctctatatt	cctgtgccac	cgctatcagc	ctggcggaac	aaggcaagcg	ggttttgctt	180
gtcagcaccg	atccggcttc	aaacgtaggc	caggtgttca	gccagactat	tggcaatacc	240
attctgcccgg	tggcctctgt	accgggtcct	tcagcgctgg	aaattgatcc	tcaggccgcc	300
gcccaggaat	atcgggccag	aatcgttgat	cctatcaaag	gcattctgcc	ggagtcttca	360
ccacggggct	ggcaggaccc	gagcttagcg	aag			393

<210> 219

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 219

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aactcttttc	atattcattg	ccaggatcgt	cgcggaagg	ctgtttaccg	taaaaaat	120
acacggccaa	agttaatcga	atttttggcg	acatgccccg	ctacaaccat	cgcaatggaa	180
gcctgtgggtg	gctctcactt	tatggcacgc	aagttggaag	agttggggca	ttttcctaag	240
ctgatatcac	cacaatttgt	ccgtccattc	gttaaaagta	acaaaaacga	gttcgctcgac	300
gccgtcttta	ccaacggggc	aggaagcacc	ata			333

<210> 220

<211> 954

<212> DNA

<213> Enterobacter cloacae

<400> 220

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acgggggtgct	ccatcggtag	ttccgaatcc	gaatgtccag	gcattgaaaa	gggcggtatc	120
tgtaaaggctc	ctcgcgaagt	tatggagtta	actaataatc	gagatgatct	gtctgcactg	180
gcgggggaag	agtcggaatc	gggaaaggag	aaatcggtcg	tcaatgacag	ccgttatcca	240
actgaaatta	gccctccagg	ggaagtcaaa	tatccacagt	ctactaccct	taaaaatcag	300
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aaaactttta	aaatgggtgc	ccctacttca	tccattggac	cacggcctat	ttctgggtga	420
ccggttaatt	caaacgtaag	gatgactatc	agttatagca	ctgcctcttc	aactggtaac	480

cctttcgttc	atccggtgc	ggaagtcgtt	aaacaaacaa	gctatccggt	ttctgctgga	540
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ctttacaatg	gccagcccgt	taacccgact	ctcaaccctg	ggcagatcca	gcaataccgt	660
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ggctacgttt	atgtcaacgt	aaaaccgcaa	acatggattg	ctggcaagaa	ttcgacctca	840
aaccagctc	gcatagtctc	tttagaagta	caggatgcgg	cccgggaaaa	tatgcagcag	900
caacaaaaag	caactaaagc	tgtctcttcg	aacggcattg	ttagacaact	gtaa	954

<210> 221

<211> 1770

<212> DNA

<213> Enterobacter cloacae

<400> 221

accccgcgaa	agaactcccg	gtgggctgaa	ggtttcatag	acgttaaacac	tatgaaaagg	60
cttaatgaac	aagttaacgt	tcccggccgt	aagtatacag	tcacagaaaa	tcatttctca	120
tcagtcacac	aaagtgcga	cgaatctgag	catcgttact	tcaaacaact	ttccgttgta	180
aagtttccctg	aatacgtcaa	tttcggttgt	atgtatgagt	tagtagttaa	ctggatgcat	240
ggacgtaaga	caattttcag	cccatttatg	atcactcaga	ctgttcagtt	tgccgatccg	300
ctcaagttgt	caaaagaaaa	cgtccgctac	aaagcaatca	ctaataaaca	ggcaagtata	360
ccttcagttg	tcacattctg	ccctgcctg	cgggatatgg	ataatgacta	catggccgta	420
actcgcgagc	ttgaggatgg	cgcaaacctt	ttaagagggt	atcttacttt	cactgttatg	480
ggtagtaatg	ccaattctgt	gcagacagca	gctaacgatc	tcaaactcct	ttacctcgaa	540
agccgggtca	aagtagcaga	tgattccttt	atcgttttcc	cgtcatttat	gtcatgtctg	600
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tcaacattta	agcatttttt	agaaaacgaa	taccagatg	atgatcctga	cggtgctcaa	960
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caatttatgt	atttcggtaa	aacccctgac	ttcacccctaa	atccctttgc	cttccctaact	1080
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<210> 222

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 222

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gttaatttaa	aagttcgtcc	tcaactctatt	catgcattaa	tgggtgaaaa	cgggtgcgggt	180
aatcaacat	tattaaaatg	cctttttggg	atctatcaaa	aagattcttg	cagcattctt	240
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ggtcggttatc	caaccaaagg	tgtctttgtc	gatcaggata	aaatgtatcg	cgacacccaa	420
gccatttttg	atgagctgga	tattgatatc	gacccgcgcg	cccgcgtcgg	gacattatcc	480
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<210> 223

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<400> 223

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gtgggtctgg	cggcgggtcat	tgcggcgacc	ctggtgcagt	cgatggaaaa	cgccaacaag	300
gtattcccgg	agatggcgac	catgcccatt	ttcgtggtga	tcctgatcgt	gtgtgccatc	360
ggcgcggtaa	ttggcctgat	taacggcatc	atcattgctt	acctgaacgt	gacgccattc	420
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ttcaccggtta	tcaactacgg	cctgacctac	atcgggtgta	accggtactg	gcagtacatt	960
atcaagggtg	cgatcatcat	cttcgcgggtt	gccctggatt	caactgaagta	cgcgcgtaag	1020
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<210> 224

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 224

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gaacaggttg	ctcctggcac	atttgcgatg	tggtagctgg	gctgcaccgg	gatctggctg	180
aaatcagaag	gcggcgccaa	catttgtgtt	gatttctggt	gcggcaccgg	caaacagagc	240
cacggcaatc	cactgatgaa	aaaaggccac	cagatgcagc	gtatggccgg	cgttgaaaaa	300
ctccagccga	acctgcgcac	cacgcctttt	gtgcttgatc	cttttgccat	tcgccagatc	360
gacgccgttc	tctctaccca	cgatcacaa	gatcatatcg	acgtgaacgt	ggcggcagcg	420
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aaaatcaaag	acattgagat	tcacgcgctg	gatgcctttg	accgcaccgc	gctgatcacc	600
ctgcctgccg	atcagaaagc	cgcaggcgta	ctgccagacg	ggatggacga	gcgcgcagtg	660
aactatctgt	tcaaaacgcc	tggcgggttc	ctgtatcaca	gcggtgactc	ccactactcc	720

aactactacg	cgaagcacgg	taacgagcac	cagattgacg	tggcgcttgg	ctcttacggt	780
gaaaacccgc	gcgggatcac	cgacaaaatg	accagcgcg	atatgctgcg	tatggccgaa	840
gcgctgaaaa	cccaaattgg	gaatcccgtc	caacaa			876

<210> 225

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 225

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ctctacaacg	tctttaccgt	tttctttaat	caggtaatga	ccaacgcccc	gctgttgctg	120
ggtatcgtga	cgtgcctggg	gtacatcctg	ctgcgcaaaa	gcgtcagcgt	gattatcaaa	180
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<210> 226

<211> 388

<212> DNA

<213> Enterobacter cloacae

<400> 226

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cctgcgtctg	tccggggatt	tatcacctgc	acttctgaaa	acgctgatcc	gcgagctgac	120
cgggaggagc	cgatgatacc	cttaccgtca	ggcactcgta	tctggctggg	tgccgggggtc	180
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aatccgttct	ccggccacct	gtttatcttc	cgtggctcgt	aaggtgacac	cgtgaggatc	300
ctctgggctg	atgctgacgg	tctgtgtctg	tttaccagac	ctctggaaga	gggactgtct	360
acacgccgcg	atggaagaga	gaaagtgg				388

<210> 227

<211> 420

<212> DNA

<213> Enterobacter cloacae

<400> 227

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gcgcgggata	atggaattaa	tgacaatctg	ctgtttacct	ggcgccagcg	ttacagacat	180
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tgccgcgagg	ccatgacatg	cgaggtgact	gtcggcggtg	ccagcctgcg	tctgtccggg	360
gatttatcac	ctgcacttct	gaaaacgctg	atccgcgagc	tgaccgggag	gagccgatga	420

<210> 228

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 228

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agatcagggg	agcggacgct	gttgattgac	tccgaccagc	aggccaatac	gacagaagtc	180
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cctaaccctgg	atctgattcc	gtctgacccg	acgttcgaaa	aaattattga	acagaccctt	360
acccgcagtc	accgcgaaaa	aatcctgggc	cgatcatctcg	agaaagtctg	cactgaatat	420
gattacatca	ttattgactg	tgcacctggg	ctcaatatcg	caaccggcaa	tgcaattttt	480
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atcatgctgg	actatatgga	tgagatctct	gaggaagatt	atgcacgctt	cagtgtcttc	600
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<210> 229

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222> (82)

<400> 229

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gtcgttactg	cacttgcatc	gntgggtcagc	acagaccgca	aaaaaattcg	tatgcgctat	120
gttggtccagc	tgctggatcat	tgaagtttta	cttgctgggt	tcttcctgaa	ctccaacgta	180
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<210> 230

<211> 651

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222> (249)

<400> 230

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gaaaaattgt	tgatgtggat	gcgcagcaat	cggctccggac	gtgcagggaac	gcgtttctcc	180
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gccgatataca	ttaagatcga	tgggtgcttc	gtgaaagata	tctgcaccga	cagcatggat	480
gcgatgatcg	tgcagtccat	ttgcaacatg	gcaaaaacga	aatcgctgtg	tgtgggtggct	540

gaatatgtgg	aaacggctga	acaacgcgag	atgttggtgc	gatttggcgt	agattatttg	600
cagggctatt	tgattggtaa	acccagcct	ctgacggcgc	tggaagcata	a	651

<210> 231

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 231

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cagccattgt	cactggataa	tgtggcgga	aaagcaggct	attccaagtg	gcatctgcaa	120
aggatgttca	aggatgtcac	cggtcatgct	atcgggtgcct	atattcgcgc	acgtcgttta	180
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ctgggcgagt	ttgcgatgcc	aaaatatgaa	atcatcaccc	tgccagaaac	gcacctggtc	420
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gacattgagc	gctactatcc	ggcgcaagat	gctaaaccgg	aagaaggccc	tatcaatctg	840
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<210> 232

<211> 201

<212> DNA

<213> Enterobacter cloacae

<400> 232

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aagtctgagt	tccagcgctg	cctgtcgcgc	ctgcaagaga	tgcaagagcga	agagtacctc	180
aagcgtgagc	atatgccgta	a				201

<210> 233

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 233

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cagtacagca	cgaggagtcg	gacgacattg	ctgggaatta	gtaagcgagg	taacaaaaag	240
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tgtgctctg	caaacaagct	ggccagaatt	gcctgggccc	taacggcacg	acagcaaaact	420
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<210> 234

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 234

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gttgaggaat	tgtctctgga	ggcggcagag	ttgttcaaat	gggctgaccc	tatagtaaaa	180
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cgttggatgc	tactttacaa	taacgggttta	acatcccctg	gtagaattcg	attcactcag	300
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gaaatgaaaa	tacattcaga	acagtatgaa	tatgtcatca	cccttctaata	cctttcccga	840
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<210> 235

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 235

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gccatttccg	atgccacgtt	ttacatctgg	cgtaagaagt	atggcggtat	ggaggtgcct	180
gaagttaagc	gcctgaagtc	gcttgaggaa	gagaacgcca	gactcaagaa	gctgcttgcc	240
gaagccatgc	tggataaaga	ggcgcttcag	gtggctcttg	ggcgaaagta	ctga	294

<210> 236

<211> 185

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (171)

<400> 236

agaggcgctt	caggtggctc	ttggggcga	gtactgacga	cagaccaaaa	gcgggaaacc	60
gtgatgttga	tgtgtgatgc	gaacgggtctg	tgcgaacgtc	gtgcctgcag	gcttacaggt	120
tttatcctgt	cgacctgccg	ctatgaggct	caacgtccgg	ctgctgatgc	ncatttatca	180
ggg						185

<210> 237

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 237

aacctcaatt	tttgccacat	cagcctaact	gtcctatctg	caatgaacat	aactgagtta	60
gtttttatag	atgatgatta	caatcatgtc	gtcatcatga	gtgatgttgt	gcagcggtta	120
catttatatc	gtcaattaca	ttatgccagt	accgaggcag	gaggaaccct	tattggagaa	180
cgtcgaggga	aacatattgt	catcactcac	atatcagaac	ctggatcagg	tgatgtaaga	240
tgcggaacac	gaatagaaag	aaaaggagaa	catcatcagc	aaaaagtgga	tgacttattt	300
cagcaatcag	atggttctct	agtctatttg	ggcgaatggc	atacgcatacc	cgaagatttc	360
ccacagccat	caagtactga	tatgaggctc	tggcgaaccg	gactgaaagc	gaccgagcca	420
atggttttgc	ttattatggg	taggaaacaa	gcatgggtgtg	gtaaaaagca	tgggaatgtc	480
ataaaaaaat	tagaagaaaa	aaacaatcat	tga			513

<210> 238

<211> 1122

<212> DNA

<213> Enterobacter cloacae

<400> 238

ataatggtct	gtcatatgac	ccccctggt	gctctattta	aagggtgtgt	gatgcaagat	60
cttcacagta	aagactcagt	aatcaatcat	tatgccgatc	gttatcaatg	ttatatgcc	120
attgatgtcc	gtaatggatt	aagaagcaat	agtatagatg	cgtcgaattc	atctctccca	180
tgggatgtaa	cattaccttt	agtcacgact	gaagatgttt	cacgtgataa	agcgcttggg	240
gcgtttgtgg	gattggctgt	tggggacgcc	gtcggcacca	ctcttgagtt	taagaaaaga	300
gacagtgaac	atgtagcaga	tatgattggt	gggggacctt	ttcaattaaa	acctggtgaa	360
tggacagatg	atacgtccat	ggcattatgt	ctggcagaga	cttatctttc	agaaaacaga	420
atgcacaccg	atgtgcttag	aaaatatctc	ctgaaatggt	atcttgacgg	agagaatagc	480
agtaatggtc	ggtgcttcga	tatcggcaat	acgacgcggt	tcgcgcttga	acagtatatg	540
cgtgtcggac	cttcctggta	tggtaataca	gagaaacaca	ctgctggtaa	tgctgggggt	600
attcgtcaag	caccgggtatc	tatctttcgt	cgaaaatcac	tgcggtcgat	ttacttcgaa	660
tcacaggctc	agagtcgagc	aacgcattggc	gcggtagaat	caattaacgc	atgccaattt	720
ctcggattgg	tattgcacta	tttaatacaac	ggttatcaaa	aagaaggagc	tttttcgcct	780
catgttttcc	cactgtgcgc	gcgtgtaatg	atcataaacg	cgggtgagta	taagcaaaaa	840
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tccgtatgga	atacggataa	tttccgtgat	gccattctgc	tggcagccaa	ccttgccgat	960
gatgctgaca	gcgttgccgc	gacggcggga	caaatagcgg	gggcgttgta	tggttattcc	1020
gctatcccgc	aggactggaa	agataaactc	gtacaacacg	aacgtattgc	cacaatggcg	1080
ggtaaactat	tcgatagagc	acctgaggat	aattttttat	ag		1122

<210> 239

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 239

tttgatacga	gccaggtgag	gatgagaacg	atgaaaaaat	gggcagtaat	tatctcagca	60
gtcggtttag	cgtttgccgt	atcgggttgt	agcagcgact	atgtcatgtc	aacgaaagat	120
ggtcgtatga	tcctgaccga	tggcaaaccc	gaagtcgacg	acgataccgg	tctggtgagt	180
taccgcgatc	gcgaaggcaa	tcaaatgcag	attaatcgcg	acgaagtctc	ccagatcatc	240
gagcgcata						249

<210> 240

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 240

aaaaggaaac	cggctatgca	ttatcatcgt	atccccaca	gcgctctgga	gatcagccaa	60
ctgggggttg	gcaccatgac	atttggtgaa	caaaacagcg	aagccgatgc	ccatgcacaa	120
ctcgattacg	ccgtcagcca	gggcattaac	ctgattgacg	tggcggagat	gtaccccggt	180
cctccccgcc	cggaaacaca	aggtcttact	gaaacgtatg	tcggcaactg	gctggcgaaa	240
cgcggaatc	gcgaaaagct	ggtcatcgcc	tccaaagtca	gcggaccttc	ccgtaataac	300
gatgccggga	tccgccctaa	tcagatcctc	gatcgcaaga	atatccgtgc	ggcgctggat	360
gcaagcctca	agcgccctga	aaccgactat	ctcgatcttt	atcatgtgca	ctggcccgag	420
cgtccgacga	actgcttcgg	taagcttggc	tacacctga			459

<210> 241

<211> 324

<212> DNA

<213> Enterobacter cloacae

<400> 241

aacgaaagtg	ctccggccgt	taccctgctg	gaaacgctgg	aaacgctcac	ggagtgccag	60
cgggcgggta	agatccgcta	catcggcgtt	tccaacgaga	cggcgttttg	cgtgatgcgc	120
tatctgcata	tggccgataa	acacgatctg	ccgcgcacat	tgaccattca	gaacccgtac	180
agcctgttga	aacgcagtta	tgaagtgggt	ctggcgaggg	tgacgcagta	cgaagagggt	240
gagctgctcc	cccaactcct	gtctgggctt	cggtagcctg	acgggcaaat	acctgaacgg	300
cgcgaaaccg	gctggcgcg	gtaa				324

<210> 242

<211> 729
 <212> DNA
 <213> Enterobacter cloacae

<400> 242
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 tccccctcccg tcagtgaagc ccagttgctc cagcaggcgc aacgtctggc aggctattca 120
 ctgggcgagc tggccgtgat ggcgggggtt acgataccca acgatctgaa gcgtgataaa 180
 ggctggatcg gcgtgttgct ggaacgctgg ctgggcgcaa gcgcgggcag taaacccgag 240
 caagattttg cggcgctggg ggtggaactg aagacgatcc ccatcgatag ccaggggcgg 300
 ccgctggaaa ccacctttgt ctgcgttgcg ccgctcacgg gtaacagcgg agtgacctgg 360
 gaaaccagcc acgtcaggca taagctgaag cgggtgttgt gggtaaccgt tgagggcgac 420
 aggcagatcc cgctggcaga gcgtcgcggt ggcgcgccgc tgctctggag tccgaatgat 480
 gaagaggaga gactgctttc ccaggactgg gaagagctga tggacatgat tgtgctggga 540
 caggttgagc ggatcacgcg ccggcatggc gaaatgctgc aacttcgtcc taaagccgcc 600
 aatagcaaag cgctcactga agcggtatgc gcacaggggc aaccgatcct gacgctgccg 660
 cgcggtttct atcttaaaaa gaatttcacc ggggcactgc tggcacgcca cttcctgttg 720
 aaaacatag 729

<210> 243
 <211> 375
 <212> DNA
 <213> Enterobacter cloacae

<400> 243
 cgcagtagca agaggtggag ctgctcccc aactcctgtc tgggcttcgg taccctgacg 60
 ggcaaatacc tgaacggcgc gaaaccggct ggcgcgcgta acacgctttt cagccgcttc 120
 acccgctata gcggcgagca gacgcaaaaa gccgttgccg cctacgtgga tatcgcgaaa 180
 cgccacggac tcgatccggc gcagatggcg ctggccttcg tgcgtcgtca gccatttgtg 240
 gcgagtaccc tgctcggcgc aacgacgatg gatcagttga aaaccaatat tgagagtttc 300
 aatctgaacc tgagtgaaga ggtattagcg gagatagaag cggtgcatca ggtttatacc 360
 taccgcggcac cgtaa 375

<210> 244
 <211> 354
 <212> DNA
 <213> Enterobacter cloacae

<400> 244
 accgtcgcgc gctgcatgcc tgcggggatc gtgattggcg tcggcgttct gttcttctcc 60
 ctgcaacatg ccctattgcc tgccatgcc ctgctgttgc tgatcggcac gttaggcggg 120
 ttctttgtgg tgccgctaaa cgcgctgttg caggagcgcg gcaagcagac cgttggggcg 180
 ggtaacgcca ttgcggtgca aaaccttggt gaaaacatgg cgatgttgct gatgctgggg 240
 atttactcgc tggcggtaaa agcagggtcg ccggtcgtgg caatcggggt aggattcggc 300
 gcgctgttcg cgctggcgat tagcgggctg tgggtctggc agcgtcgtcg ttga 354

<210> 245
 <211> 915
 <212> DNA
 <213> Enterobacter cloacae

<400> 245
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 gccggtttgt ttacctcaca gttttctatt gcgcggggct ccgtctctgc agatccccac 120
 gccgggcacg acatgtctgc catgcagatg ccagcagatg agaatttcac tgagatgacg 180
 tcaatggagc ccattgtaac tgagagcaga acgccaattc cgcctgttac cgatgccgac 240
 cggaaggctg cattcggaac ttacagggg catgcgattc acgacagtgc gattaattat 300
 ctggttctgc tggatcaact ggaatggcaa cggtcggata acaccaacaa tttcagctgg 360
 agtggttaac gctggattgg aggcgacaca gatcggattt ggctaaagag tgaagggtgaa 420
 cgaagcaatg gggaaacgga ggcggctgaa gcgcagttac tctggggaca tgcggttggc 480
 ccatggtggg atttggttgc ggggtgtcagg caggatttca gacctgcttc tgcccggacc 540

tgggctgctg	tcggttttca	ggggctggca	ctctataatt	ttgagtctga	aattacgggt	600
tttgtcagta	atggcgga	agcagccctt	cgtctgggag	gagaatacga	cgttttactg	660
actaacgggc	tcatactcca	gccatcctat	gaggtgaatt	tctacagtca	ggatgatgaa	720
tcgcggggtc	gcggcagggg	actgactgac	acagagctgg	ggctccggct	gcgctatgaa	780
atacgccgtg	agtttgcacc	ctatataggc	gtttcctgga	atcaacttta	cgggaaaaca	840
tccgatatgg	cgaaaagaga	aggtgagaaa	gaccatcagg	tagtattcct	ggcgggagcc	900
agaatctggt	tttaa					915

<210> 246

<211> 420

<212> DNA

<213> Enterobacter cloacae

<400> 246

cgactgata	taaaacactc	aactaaacag	gtaaataaaa	tgtcgatttt	aaataaagcc	60
attcttacag	gtggcctcgt	tatgggcgtt	gctttctctg	ctatggccca	tccggaatta	120
aaaagctctg	tgccacaggc	tgattcagcc	gtagcggccc	cggaaaagat	tcagcttaat	180
ttctcgga	atctgaccgt	gaaattctca	ggtgcaaaat	taacgatgac	gggtatgaaa	240
ggcatgtcat	cacattctcc	gatgccggtc	gcggcaaaaag	tggcgccagg	cgctgaccct	300
aaatcgatgg	tcattattcc	gcgagagcct	ttaccgctg	gcacttatcg	tgttgactgg	360
cgcgcggttt	cttcagatac	gcaccctatt	accggttaatt	acacctttac	agtgaagtaa	420

<210> 247

<211> 1473

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (2)

<400> 247

anacatttta	tgggcgtaca	gcctgatgat	acctacgttt	acaccttta	ggttaagcag	60
aacgggactt	actggtacca	cagccattcc	ggtctgcagg	aacaggaggg	ggtatacggg	120
gccattatca	tcgatgccgg	ggagccagaa	ccgtttactt	acgatcgtga	gcatgtggtc	180
atgttgctctg	actggaccga	tgaaaatcct	cacagcctgc	tgaaaaaatt	aaaaaaacag	240
tcggattact	acaattttcaa	taaaccaacc	gttggctctt	ttttccgcga	cgtgaatacc	300
agggggctgt	cagccaccat	tgccgatcgg	aaaatgtggg	ctgaaatgaa	aatgaatccg	360
actgacctcg	cggatgtcag	tggctacacc	tacacctatc	tcatgaacgg	gcaggccccg	420
ctgaaaaact	ggaccggact	gttccgtccc	ggtgaaaaga	tacgcttacg	gtttatcaac	480
ggctcggcaa	tgacctat	cgatatccgt	atccccgggc	tgaaaatgac	ggctcgtggct	540
gcagatggcc	agtatgtaaa	cccggttacc	gttgacgaat	tcaggattgc	cgttgccgaa	600
acctatgatg	tcattgtgga	gcctcagggt	gaggcctata	ccatcttcgc	acaatccatg	660
gacaggaccg	gttacgctcg	agggacactg	gccacgagag	aggggttaag	tgctgccgtt	720
ccccccctcg	atccccgtcc	tctgttgacc	atggaagata	tgggtatggg	gggaatggga	780
catgatatgg	caggaatgga	ccacagccag	atgggaggca	tggataacag	cggagagatg	840
atgtctatgg	acggtgctga	ccttccggat	agcgggacat	cctccgcgcc	catggatcac	900
agcagcatgg	ccggtatgga	tcattcccgg	atggccggaa	tgccgggtat	gcaaagtcac	960
cctgcgtcag	aaacggataa	cccactggtt	gatatgcagg	cgatgagcgt	ctctccgaaa	1020
ttaaattgatc	cgggtattgg	tcttcgaaat	aacggaagaa	aggttctcac	gtacgcggat	1080
ttgaaaagcc	gctttgagga	tcctgacgga	cgtgaacctg	gccgtaccat	agaactgcat	1140
ttaaccggcc	acatggaaaa	gtttgcctgg	tcattttaacg	gaatcaagtt	ttcagatgcc	1200
gcaccgggtgc	tgctgaaata	cggtgagcgg	ctcaggatca	cgctgatcaa	cgataccatg	1260
atgactcacc	ccattcacct	gcattggtatg	tggagcgatc	tgggaagatga	aaacggtaat	1320
ttcatggttc	gtaaacacac	aatagatggt	ccccctggta	caaaacgcag	ttacagagtg	1380
acagcagatg	cgcttgcccg	ctgggcgtat	cactgccatt	tgctctatca	catggaaatg	1440
ggaatgtttc	gtgaagtccg	ggtggaggaa	tga			1473

<210> 248

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 248

agtaatat	atgaacgac	ctgattat	gattatgatt	gttatttcgt	ttctttcttta	tctggatttg	60
atggtaatat	ttggattg	ccatttttc	agatattgga	taagcgggt	gagacatgaa		120
acctataacc	tgactaattt	caggctcgtt	ataacttttg	ctgttggtac	aggcatcatt		180
cttactggca	ttaatatgct	cctggatat	aatgccatga	gtggagtaac	tgacctcaga		240
gaattatcca	tccatgttat	cgagatggtg	ata				273

<210> 249

<211> 1362

<212> DNA

<213> Enterobacter cloacae

<400> 249

acaaactcaa	acagctcgca	gggttaatttt	tactatatac	agggcagtc	tgctgccctg	60
tcaggagggt	ttatgttact	ggcaggagca	attttcatcc	tgaccatcgt	gttggttatc	120
tggcagccga	aggggttagg	gattggctgg	agcgccatat	ttggcgcaat	actggcactc	180
atatctgggt	tagtacacat	taccgacatt	ctgggtggtat	ggaatatcgt	ctggaacgcc	240
acagcaacct	ttattgccgt	gattatcatc	agtttgctgc	tggtatgagtc	tggttttttt	300
gaatgggcag	cattgcatgt	ttcccgcgtg	ggaaatggcc	ggggctgcct	gctgtttact	360
tatatcgttc	tgctcgggtg	tgccgttagca	gcgctatttg	ccaatgatgg	tgacagctctc	420
atcctgacgc	cgatcgttat	tgccatgttg	ctggctctgg	gattcagtaa	aagcgctacg	480
ctggcatttg	taatggctgc	agggtttatt	gccgataccg	ccagcctgcc	gctgattgtg	540
tcgaacctgg	tcaatattgt	ttctgctgac	ttcttccatc	tggtattcac	ggaatatgcc	600
tccgtgatgg	tgctgtgga	tattgccgcc	attattgcca	cgctgggtgat	gctgcatctg	660
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gctatcaaa	acccggcgac	gttcagaact	ggctggattg	tattaatcct	tctgctggta	780
ggtttttttg	tgcttgagcc	gctgggtatt	cctgtcagcg	ctattgcggc	tgtgggtgct	840
gctatcctct	ttttcgtggc	taaaaaagg	catgccatta	acaccggtaa	agtcctgcgt	900
ggtgcaccgt	ggcagattgt	gattttctca	ctgggaatgt	atctgggtgt	ttatgggttg	960
cgtaatgccg	ggctgacaga	atacctctct	ggcgtattga	atttatttgc	agacaaaagga	1020
ctttgggctg	ccacatttgg	cacgggattc	ctgacagcat	tcctgtcatc	catcatgaac	1080
aacatgccta	ctgtattgat	tgccgcattg	tcgatcgatg	gcagcaccgc	atcgggtgtc	1140
atcaaagaag	caatgattta	tgccaatgtc	atcgggtgcg	atctgggacc	taaaattacg	1200
cctattggta	gcctggcaac	gctactctgg	ctgcatgtac	tttcacagaa	gaacatgaca	1260
atcacctggg	gatactattt	ccgcaccggg	attatcatga	ctctgcctgt	gctgttttga	1320
acgctggccg	cgctggcgct	acgtctctct	ttcactttgt	aa		1362

<210> 250

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 250

gatactgata	tgagcaacat	taccattttat	cacaaccag	cctgcggcac	ctctcgcaac	60
acgcttgaga	tgatccgtaa	cagcgggtaca	gagccgaccg	ttattcatta	tcttgagaca	120
ccaccatcac	gcgatgaact	ggttaaactt	attgcggata	tggggatcac	agtacgagcg	180
ctgctgcgta	agaatgtcga	accttttgaa	gcgttagggc	tggcggaaga	ccgttttact	240
gatgatcagt	taatcgactt	tatggtaagc	gttaagtga			279

<210> 251

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 251

aaacagaaa	gccatgtctc	tacgccaatg	atgcagcttc	aggatccgga	aagaacaaaa	60
gtattactgg	tcactctgcc	ggaaacgacc	cccgttcttg	aggctgcaaa	tttacaagcc	120
gatcttgaac	gtgcgggat	tcatccatgg	ggctggatta	tcaataacag	tctttccatc	180
gctgaaaccc	gttcaccgct	gcttcgtcag	cgctcgcagc	aggaactgcc	tcaaatcgag	240

gctgtaaaga	accagcatgc	tacccgtggt	gcactgggtc	ctgtttcttg	ggcagagcca	300
accggtatag	acaaactcaa	acagctcgca	ggttaa			336

<210> 252

<211> 639

<212> DNA

<213> Enterobacter cloacae

<400> 252

gatagcattg	cgtggatgcc	tcgccccgct	gtggtgaaaa	cgttggttcag	cgcagagcgt	60
gaaggtggcc	cgttgacaga	agcggcatgc	tgggctcatg	cgcggcgcaa	aatccatgac	120
gtctatatca	gcacccggac	ggccacagca	gaggaggctc	tgaagcgcat	cagtgaagta	180
tacgcgatag	aagaggaaat	acgcggcctt	ccggcatctc	agcggctggc	cgccagacgg	240
tcccgaagta	aaccgttgct	gatatccctg	catgactggt	tgggtggagaa	aagagccact	300
ctgtcgaaaa	aatcccgggt	aggcgaggcg	ttcgcttatg	caactgaacca	gtgggatgcc	360
ctgtgttact	actgcgatga	tgggtctggc	gagccggata	ataacgctgc	tgagcgcgcg	420
ctacgagcgg	tctgtctggg	caagaaaaac	tacatcttct	tcggcagtga	tcatggtggt	480
gaacgtgggtg	ccctgctgta	tgggtctgatc	ggaacgtgca	ggctgaacgg	tatcgatcca	540
gaggggttacc	ttcgccatat	cctgagcgtg	ttgccggagt	ggcccatcaa	caaagtggcc	600
gaactgctgc	catggaacgt	agatctcacc	aataaatag			639

<210> 253

<211> 426

<212> DNA

<213> Enterobacter cloacae

<400> 253

agacagccgc	agcctgggtc	acagccgatg	cagacgcagc	tggtcacacc	gtctaacgat	60
ccggggccagg	ttgcgcgggt	tgaacctgaa	ccggttcagg	aagatcagga	gcaggccgcc	120
accccttcag	agccacaggc	gcaacagccc	accggcattg	agcagcagtg	gcgttcgat	180
cgcgtagagc	ctgggaaaaac	tcttgcccag	ctgttcgcgc	accacaattt	gccagcaacg	240
gatgtgtatg	ccatggcgca	agtgcagggg	gcaggcaagc	cgctcagcaa	cctgcaaaat	300
ggtcagatgg	tgcagatccg	tcagaacgcc	agcggcgtgg	tgaccggggt	aacgatcgat	360
accggcaacg	ggcagcagggt	actgtttacc	cgccagccgg	acggcagttt	catcagagca	420
cgtaa						426

<210> 254

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 254

gaggataagg	taatgcaagt	tattctgctt	gataaagtag	caaacctggg	cagcctgggt	60
gatcaggtaa	acgttaaagc	gggttacgct	cgtaacttcc	tggttccaca	gggtaaagct	120
gttccagcta	ctaagaaaaa	cgtagagttt	ttcgaagcac	gtcgtgctga	actggaagcc	180
aaactggctg	acgttctggc	ggctgctaac	gctcgcgctg	aagcaatcaa	cgcactgggc	240
accgttacca	tcgcgtccaa	agctggcgac	gaaggtaaac	tggttcgggtc	catcggtacc	300
cgcgatatcg	ctgatgcagt	tactgcggca	ggcgtaaag	tggctaagag	cgaagtctgt	360
ctgcccgaacg	gcgttctgcg	taccactggt	gagcacgaag	ttgacttcca	ggttcacagc	420
gaagtgttcg	ctaaactggt	tggttaacgta	gtagctgagt	aa		462

<210> 255

<211> 246

<212> DNA

<213> Enterobacter cloacae

<400> 255

attctggaga	ctagccatat	ggcacgttat	ttccgtcgtc	gcaagttctg	ccgtttcacc	60
gcggaaggcg	ttcaagagat	cgactataaa	gatatcgcaa	cgctgaaaaa	ctacatcacc	120
gaaagcggta	agattgtccc	aagccgtatc	accggtactc	gtgcaaaata	tcagcgtcag	180
ctggctcgcg	ctatcaaacg	cgctcgctac	ctgtctctgc	tgccgtacac	tgatcgatcat	240

cagtaa

246

<210> 256

<211> 957

<212> DNA

<213> Enterobacter cloacae

<400> 256

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ccggccatta	aaagtggcta	cgaactcttt	cagatcgcca	ccgatgatat	cccctccaaa	180
gtcgtctttg	ccggataccg	ttttctgttt	gccggcgcg	tgctgctgct	ttttgccctg	240
gcccagcgaa	aaccgattgg	caggctcacg	cccacgcagt	ttggccagct	cacgatcctc	300
ggactgaccc	agacctccct	ccagtacacc	ttcttttata	tcggcctggc	ctacacgacc	360
ggggtgaacg	gctccatcat	gaatgccacc	gggaccttct	tcagcgtgct	gctggcgcac	420
tttatctacc	acaacgacaa	actcagctat	aacaaaacgc	tggggtgtgt	tctgggcttt	480
gccgggggtg	tgctgggtgaa	cttcacacag	gggttaagt	agttccagtt	tgtgtggaaa	540
ggtgacggat	ttgtgggtgct	ggcgcgcttt	attctctctg	cggccacgct	ttacgggaaa	600
cgcatttccc	agaccgttga	cccgacggta	atgacgggat	ggcagctggg	gataggcggg	660
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gcgctgctga	aagtaaaccg	cgtgagtatg	attgccccgt	tcaactttgt	catacctgta	840
gcagggacgg	tgctctccgc	cattttcctc	ggcgataaca	ttatggacat	taaatacgcg	900
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<210> 257

<211> 287

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (61)

<400> 257

cggaacggct	gcaatggctg	gccgcactgc	tgctggatgc	gctcaaaatc	cagcaggggg	60
ntacgcttct	gactcaccct	gaggtgtggg	cggttggtcac	cacacttgcg	aatcgccctgt	120
cagggcagtc	gctgcacgct	atccttcatg	atatctgcc	gagtcgtgaa	caacttttga	180
cggtaaccgg	gggggggtctc	aatcgcgagc	ttttactgac	cgaccagtta	ctgcgtatcg	240
aacactacct	gcaaccgggt	gtcataccgc	cgggtttccca	cctctga		287

<210> 258

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 258

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tatcaatccc	tgcataaaaa	tgtggacgac	gtgctggcga	aagccgccgc	gcgcgatgtg	180
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tacgacgttg	aggatttacg	ccgtcttgcc	gcagaagagg	gcgtagtggc	gatgggcgag	360
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cgcggcaaa	agaatcagcc	agcgatgacc	cgggatgtcg	ctgagtatat	ggcgcgtctg	780
aaagggtgtca	gtattgaaga	gctggctcgc	gtgacaacgg	aaaacttcgc	cagcctgttc	840

catatcgacc cgcgccgcct gcaatctgtc tga

873

<210> 259

<211> 1467

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (726)

<220>

<221> unsure

<222> (1401)

<400> 259

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ctgggtgtcg	gttctgcaaa	cttcagctgg	ctgccagccg	tagtttccca	cgtgatggcc	180
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aacccggttg	tggcgttcgg	tatctacggc	ttcattgagc	gctgcctggt	accatttggt	660
ctgcaccaca	tctggaacgt	tccattccag	atgcagattg	gtgaatacac	caacgcagca	720
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cactctgcta	aaccagagaa	ccgtgcaaaa	gtgggcggta	ttatgatctc	cgcagcgctg	900
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ggcggtaaag	agaacatcac	taacctggac	gcgtgtatca	ctcgtctgcg	tgtgagcggt	1320
gccgacgttg	cgaaagtaga	ccagccgggt	ctgaaaaaac	tgggcgcagc	gggcgtcggt	1380
gttgcaagggt	ctgggtttca	ngcaatcttc	ggtactaaat	ccgataacct	gaaaactgaa	1440
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<210> 260

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 260

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cttgacccct	tccacccatt	gtccgattca	acgaggaggt	tcatgcagaa	ggagatcctg	180
aacacgatgc	atgaaaaatt	tataactgat	ggttgaaactg	gacggggtaa	aaagcttctc	240
tcgcgtcatg	atgccgatgc	tgtttctctc	tattcaggcc	gtgtatggcc	aacacctcag	300
gcagttaagt	acggcctggt	ggatggagat	cttacgtcag	tagagatccg	tacacgtctt	360
tcaaaaatgt	actccactga	cacgttcaaa	aactacaatg	agcctcatcg	taatctccgt	420
tctgcaactcg	gcattgctgat	gagcctgtct	tcaaatattg	agagccttac	cggtagccact	480
acccgcttag	tagaatctgt	taatgccacc	agctaccctt	ctgtgaggtg	a	531

<210> 261

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 261

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actgcaaagg	caattgaatc	tgggcttcct	gaagaagctc	aggggctact	tagtgatctc	180
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agccactggc	ggaaatggac	tcagtcccga	accctcaagt	tgcagaaccc	gtttaagcaa	360
aaccaggggc	acatcagggc	tattcagtc	gctcttaagg	ctagagaact	ggaatgtatc	420
aatgtcgtca	tcataaacgg	acgttgtaag	tttgatggca	tcaagccgga	atggttatgt	480
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ccggagtcgt	ttcagcacat	ctgttcgggt	ttgaagtcaa	caagggaagtc	gccagggtc	600
tatacggacc	ttactcatat	tcataacata	acgacaaagt	acaaagcccc	gatgaaattc	660
gagcaacgag	taacatacat	tctgctcaac	tttatccatt	atctgtgggc	aagtctgttc	720
actaagcaga	agccttag					738

<210> 262

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 262

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cagaatacgc	tgaaagtcca	tgatttaaat	gaagacgcgg	aatttgatga	gaacggagca	120
gaggcttttg	acgaaaaagc	cttagtagaa	gaggaaccca	gtgataacga	tttggctgaa	180
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gctttgcgtg	gtgatgttgc	ctcgcgtcgt	cgcatgatcg	aaagtaacct	gcgactggtc	360
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ggcaacttag	gtctcatccg	cgcagttgag	aagtttgacc	cggaacgcgg	gttcggttc	480
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cgcgagttgt	cccataaact	ggaccacgag	ccaagtgcgg	aagagatcgc	agagcaactc	660
gacaaaccgg	ttgatgacgt	aagccgtatg	ctgcgtctca	acgagcgcgt	tacctcggtt	720
gacaccccg	tgggtggcga	ctccgaaaaa	gcgctgctgg	acatcctggc	cgatgaaaaa	780
gacaacggcc	cggaagacac	cacgcaggac	gatgacatga	aacag		825

<210> 263

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 263

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ggaatgttga	tcacccctcc	gcctaaaaatg	ggcacctcaa	cggcgcagca	aacgccgcag	180
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tcaattacca	cctggcggtt	gccaaactgac	ggcaagatca	tcgagaactt	cgctacctct	780
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gcagacggac	gcgttgtcta	tgccggtaac	gcactgcgcg	gttacggtaa	tcttattatc	900
atcaaacata	atgatgatta	cctgagtgcc	tacgccata	acgacacaa	gctggtccgg	960
gaacaacaag	aagttaaggc	ggggcaaaaa	atcgctacca	tgggtagcac	cggaaccagt	1020

tctaçacgct tgcattttga aattcggttac aaggggaaat ccgtaaacc cgtgcaatat 1080
ttaccgcagc gataa 1095

<210> 264
<211> 390
<212> DNA
<213> Enterobacter cloacae

<400> 264
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catcaagtca ccagaacaaa gaaattccaa agagacccaa gaatccaaac atccgcaaga 120
ggtaattatg gaagagaaca aacagaagaa gaaccaccga aaggcacagc accagaaaag 180
ccccaagcag cgcaacgcag agagaagagg aaaacagaaa aaggccacca gaacagagga 240
gaaaagctca tctcagaaca aaacaggagt cccaatgaaa aaagaaatat cagcgagag 300
aaaaaacgcg aatccgctca actggtccta gatcagaatc acaccgttgc agctgtctta 360
caccgacggg gcaggaagga aacgcgattc 390

<210> 265
<211> 1815
<212> DNA
<213> Enterobacter cloacae

<400> 265
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gactcaggca aaagcctcaa ggtcaatatc ggcggtaaaa aatcatgggc tgactttgcc 120
agcggtgaca gcggtgacct gctggatctc tgggtgttgg ttcgtaactg ccagctgcat 180
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gacaatgtag gccgtgaagc tgcaaaaagaa atcgccagac gtcttgaggga acatcgttgc 780
cgcatggttg aacttcccca caaagatatc aacgattgcc tgatgaacgg catggacagc 840
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gaccggcttc ttgagatttt tgccatagcc cggcgctcgt atggcattga gctgttcgtc 1320
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cagagaaaag cggatcgat gggttatgag agcctcgaca aagacgaaca ggccgcgac 1620
aatctccccg cttcaatgat tcgtttgttg aagcaacgag aaggggaagg gtggatcggt 1680
gacatcgag ctaatttcga ctctcgctct caccagttcc tggaaaggcg gaaaaacca 1740
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gtaacgaggg tttga 1815

<210> 266
<211> 1029
<212> DNA
<213> Enterobacter cloacae

<400> 266

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gcacgcctcg	ctgactactc	gaatgatgat	ggtgtctgct	atccgagtgt	tgaaactatt	180
tgccgccagc	tggggctcgg	ggaaaagtag	gtcaggaccg	ccattgcaga	actggagtct	240
tccggttggc	tgcgtcgtga	agcgcgccgt	aaaggtaatc	gcaacacgtc	caatctttat	300
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gcctggaaag	ctcgaatcaa	agacggtggt	aacactgagg	caatgctggc	tggtgtaaac	780
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aacaaagtcc	ctacccgaca	agaccagtct	cgctacgagt	ggtacgcaaa	gtctgatgac	960
ggctctgccg	aggtgtttat	caatcagtca	gcgatcgatc	gcatagaaccg	tggcgggtat	1020
cgcccatga						1029

<210> 267

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 267

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acggtcgcga	aacagacctt	tgccctgcc	gctcgcccg	atctgagcgg	tggtatgggg	180
ggcgtttcaa	cgccggcagt	gcccgcgcag	ccgcagggtg	aagtgcgcgc	catcagcaac	240
gatacgctgc	aaagtgaaga	cgcgacaggc	gccccggtga	aaagcagtgg	tttctttggc	300
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gactgcggcg	cctgcgacgg	cgagcggcag	ctacgtgggt	caggttgggc	ctgtcagcga	480
tcggacccgt	gcagagcaat	atcagcagcg	tttaagcaaa	cagtttgggc	tgccaggccg	540
cgttga						546

<210> 268

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 268

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accaaactta	acgaactgct	tgaattccct	acccttttta	cttaciaaagt	aatgggtctg	120
gcgaaacctg	agctggttga	tcagggtggt	gaagtgttac	agcgccatgc	gccgggcgac	180
tactctccat	cagtcaaacc	gagcagcaaa	ggtaattacc	actcggctct	aatcaccatc	240
actgcgacac	acattgagca	ggttgagacg	ctgtacgaag	agctcggcaa	tatcgaaatt	300
gttcgtatgg	tgctgtag					318

<210> 269

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 269

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cagtttgggc	tgccaggccg	cgttgagcaa	aacggtgcgg	tatggcgat	ccagatgggt	180
ccgtttgccca	gtaaatcgca	ggcagcatcc	ctgcaacagc	gtttgcagag	cgaggcgcag	240
ctccagtcgt	ttatcgctgt	tgcaaaaataa				270

<210> 270
 <211> 1305
 <212> DNA
 <213> Enterobacter cloacae

<400> 270
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<210> 271
 <211> 687
 <212> DNA
 <213> Enterobacter cloacae

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 cctgaccacg aatatattgc tgcttaa 687

<210> 272
 <211> 1161
 <212> DNA
 <213> Enterobacter cloacae

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<210> 273

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 273

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<210> 274

<211> 1197

<212> DNA

<213> Enterobacter cloacae

<400> 274

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cagatagccg	aacaaagcca	gcttgctccc	gccagcgtga	caaaaattac	acgtcagctt	180
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<210> 275
 <211> 345
 <212> DNA
 <213> Enterobacter cloacae

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 aagtctcgtc tacagtgcga tgatgatgaa gggattatga ttgacgggtt tatagcgcgt 180
 ttacgcaaat ttaagtcgga tgaatatgaa ctgttaatcg ctcatTTTTgt tattggatc 240
 tctctgagaa caattgcaaa gaaaaagaaa tgctcggatg gtactgtaag aaaagatctg 300
 caaacgcgac tcgggttcgt agaggggggtg atgtcaatgc tataa 345

<210> 276
 <211> 636
 <212> DNA
 <213> Enterobacter cloacae

<400> 276
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 ccagactacc cggagatcca aaaagccatc attactcaag gcaaccctta cgaagctaag 240
 cagaccgcca gatcgtttga agcgaagacc cggtcaggct gggaaaagaa tcgggtttcg 300
 attatgaagt ggtgcgtttg cggttaagctt tgccagaact gggaaacatt tttcgctctt 360
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 gcgagtaaaag actccgaagg gaacttttat ggcatagaac tggttaggccg tatccttatg 480
 gatgtgagag acgttgccag aaagagggga ccgacagggt ttgctagcat accgccgctc 540
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<210> 277
 <211> 651
 <212> DNA
 <213> Enterobacter cloacae

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 gacaaaaaga tgacggcgat tgcccattac tggttctata acgatacggt agagaccacc 420
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<210> 278
 <211> 2436
 <212> DNA
 <213> Enterobacter cloacae

<400> 278
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<210> 279

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 279

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<210> 280

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 280

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gctattc	cgggcagtg	acgtgccgag	cgaataagcc	agacgttatt	aataccggaa	180
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agtaata	cgatcagcgc	acagaaaaac	agtgcaatgc	gtcgcttata	acttcgcagt	360
aatgcc	tgtacgcgtg	gataagcagt	acccagggaa	tgcgagaact	cagtttaattg	420
tcggct	gagagtttga	ggaatggaaa	agaccactgc	aacaagacat	atcgccgtca	480
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<210> 281

<211> 1149

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (980)

<400> 281

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cccgtgttcc	tttattcctt	tccatgctgg	cgccgatggt	taatcccgtg	ctggcatggc	1140
cagcgatga						1149

<210> 282

<211> 213

<212> DNA

<213> Enterobacter cloacae

<400> 282

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ccgttcttca	aggtgtacga	gaaacagttg	cttcagcagg	aagcggaaga	agcacagcgt	180
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<210> 283

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 283

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tttagcagat	tcgccagctt	taaagcggcg	ctctcggata	tctcattcta	tgcggttatc	180
tattcactgt	ctgatgagcg	tgaggagcgg	agaaactgtc	ttgcctgttt	acgggatctc	240
accttcaccc	acagcgacgt	ccagcgattt	gtgctggcct	ctgacgaaat	ggaggcgagg	300
ctggtcagcc	atctttcgcc	ttctcgcttg	catggaatca	tcagtaaata	ggttccgcta	360
aagcagctaa	tggagggcct	gaagacatta	ctcagcgaaa	cgcatcaggt	gaacgacaac	420
atgtacaatc	actggtgtgt	tagccagaat	cgtatgttaa	gcccaccga	aaggcgatt	480
ctgcgttata	tgtcatcggg	tttttcgatc	cctgaaattg	cagcacagct	tgaacgcaat	540
attaaaacta	tccgggcgca	taagttaa	gccatggtaa	agctgggcgt	caattctgac	600
gtgggattac	tggatgcggc	ggatatcctg	gcgcattctc	ctgccgggga	agttcgtcgt	660
tccgctctca	ccgttccttc	attctcttag				690

<210> 284

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 284

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ccactctccg	ccggggaaac	gacgcttgcg	gatgccattc	gggaaaaaat	tgccgtaacg	120
cgcgcccatc	tgtctgattt	catcaaactg	gatgaagcac	cgccgcatca	tgcgctgacg	180
ctgactgagt	ggcaacgtcc	tgccgagctg	cggtcgctgc	tggcaacctt	ttccgacccat	240
atattatcgt	accaacctac	cctgacgcgg	gaaaataaac	cgctgttata	cctctgggca	300
cagtgggtata	tcgggctgat	ggtgcccgtc	gtcatgctag	ccctgctgac	ccaggaaacg	360
atgctcgatc	tctcgctcga	acatttccat	gttgaatttc	atgaaaccgg	gcgcgctgcc	420
tgtttctgga	ttgatgtaca	tgaagatccg	agcgcgagac	acctgtcagc	gcaggcgctg	480
atggaacggc	tgattacaag	agcgtctggt	ccggtcattg	atgctgctga	agcgacggga	540
gagattaacg	gcaaactgat	ctggagtaat	accgggtatc	ttatccactg	gtattttaacg	600
gaaatgaagc	cgctgctcgg	cgacgagaaa	gtggatgcac	tgcgtcagag	ctgtttcttt	660
gccagacagc	tgtcggatgg	acgggataac	cctctttacc	gcaccgtggt	tccgcgtgag	720
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ggcgattgca	cgcttaagta	g				801

<210> 285

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 285

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tttgccgaac	acgctccgga	tatagagatc	attgagctta	accaaagcac	agcgactggt	120
gcccttgctg	ctgccgcgca	caacgttgaa	cccggccaaa	ttgccaaaac	gctgtcacta	180
aaaattaaaa	atgacgtgat	tctggtgggt	gcaaaaggcg	atgcgcgtct	ggataacaaa	240
aagcttaaa	agacattcgg	cgcaaaagcc	cgcatgctca	gcagcgatga	ggtagtcacc	300
ctgacaggtc	atcctgtttg	cggcgtctgc	cctttcggac	tggaaaaccc	gctttctggt	360
tactgtgaca	tcacattaaa	acaatacgcg	gaagtgttac	ccgcagcggg	cgccatccac	420
agtgcggtgc	gtatatcgcc	cgacagaatg	gcggaactga	ccgcagcaaa	atgggtagat	480
gtgtgcattt	ga					492

<210> 286

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 286

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tgctcaatta	cagctaacta	tctgaaaaaa	ttcatcatgt	cgagaatact	cgctgcgata	120
acattattgt	taagcgtcat	tttaactata	ctggttacta	tcgcctgttc	tgtgccaatc	180
atcgttgccg	gaataattaa	gctcctgttg	cctgtccctc	cggtatggcg	cgcggtgtct	240
gctttttgta	attttatgat	gtactgctgg	tgtgaaggcc	tggcgatcct	gctgcatctg	300

aacccctggc	tgaagtggga	cgttcaggg	ctggagaagc	tgaacaaaa	gaactggtat	360
ctgctgatct	gcaatcacca	cagctgggcc	gacattgttg	tattgtgcgt	actgtttcgc	420
aaacacattc	cgatgaataa	atactttctg	aaacagcagc	tggcctgggt	gcctttcatt	480
ggctctggcct	gctgggcgct	ggatatgccg	tttatgaaac	gctattcacg	cagctatttg	540
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tttcgcgcgc	atcccaccac	cattgttaac	ttcgtcgaag	gatcgcgctt	taccgaagag	660
aagcgccaac	aaactcgctc	tccttatcag	aacctgttgc	cgccaaaggc	tgcgggcac	720
gcaatggcgc	tcaacgtgct	gggggagcag	ttcgataaat	tgttgaacgt	aacgctctgc	780
tatccgga	acgacaggac	gccattctac	gacttgctca	gcggcaggct	gacgcgtatc	840
gttgctccgc	ttgatctgg	gcccgtcaat	actgaactgc	acggggatta	cgtcaacgat	900
aaaaacttca	aacgtcgttt	ccagcttttg	cttaatacac	tctggaaaga	gaaagacgag	960
cagatagcga	agattaaatc	ttcatacaaa	aacgccggtc	agtga		1005

<210> 287

<211> 555

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (408)

<400> 287

tgctcctttc	atttagagag	acacgttagc	agggtcaatc	ccacaataaa	agaggcgata	60
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atgggtggaa	aggataagg	acttcagctc	ctgaacaaca	caccattatg	gcagcatggt	180
gctgatacgc	ttgcagatca	ggtgtcatcg	atggcgatca	gcgctaaccg	acatgttgat	240
atctatcagc	gcagcgggta	tcgggtttat	caggataacc	tggcgggacta	ccccgggtccg	300
ctggcgggaa	tgctttctgt	tatgcagcag	tcgtacggag	agtggtttct	cttttgtcca	360
tgtgatacgc	ccttcatecc	gtctgtctcg	gttgaacgtc	tgggtgcancg	gcgcgggtggt	420
gctcccgcgc	tctgggtaca	cgacggtgaa	cgcgaaacatc	caacgatcgc	attgattaat	480
cgctcggtta	tatccgcgct	gggagtatta	ctggccgcag	gagatcgacg	cgttcttggt	540
tttatgcccc	cattc					555

<210> 288

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 288

cgtgtctctc	taaatgaaag	gagcactacc	atgaaatgta	aacgtcttaa	tgaagtcatt	60
gaacttctcc	agccggcctg	gcaaaaagag	ccagagctga	atctgatgca	atttttacag	120
aaactggcga	aagagtcagg	ttttgatggt	gaactggcgg	acctttctga	cgacatcctg	180
atctaccacc	tgaaaatgcg	tgactcggct	aaagatgctg	ttattccggg	cattcagaaa	240
gattatgaag	aggattttta	aaccgcatta	ctgcgcgccc	gaggcgtaat	taaagagtaa	300

<210> 289

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 289

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agctatgaaa	accgtgtcta	ccaatttcag	gacgaagagc	gccagcgctt	tgctgtaaa	180
ttttaccgctc	cacagcgctg	gtccgcagaa	caaattcagg	aagaacatca	gtttgcccac	240
gatctactgg	atgacgatgt	tcccgttgcg	gcaccgatta	aattcaataa	ccaaacgctg	300
ctgacccatc	agggctttta	ctacgcggta	tttccgagcc	tgggcggaag	acagtttgag	360
gcagataata	tggatcagat	ggaatggggt	gcccgcctatc	tggggcgcat	tcatcagacg	420
ggacgtaaaa	aaccgtttgt	tgcccgtccg	acgattgggtg	ttaaggaata	tcttattgag	480
ccgcgacagg	tattcgaaac	atcggcgctg	atcccgaatg	cactaaagga	taatttcctc	540

acggcgaccg	ataagcttat	tgatgctgta	aaagccagct	ggcggggatga	tattactact	600
ctgcgcctgc	acggtgactg	ccacgccggg	aatattctct	ggcgcgatgg	tccgctattt	660
gtcgatcttg	atgacgcacg	tatgggaccc	gcggtgcagg	atctgtggat	gctactcaac	720
ggtgataaag	ccgagcagcg	catgcagctt	gagaccataa	ttgaagctta	tgaagaatth	780
atccccttta	attcagacga	aattgccttg	atagagcctt	tacgtgcgat	gcgatttggt	840
tattatctcg	cgtggttaat	caggcggttg	gaagaccggg	cttttccccg	aaatttcccc	900
tggcttacgg	gggaggatta	ctggcgcaac	cagatatcca	catttaccga	gcaggttaag	960
gttctacagg	aacccccctt	gcaattaacg	ccgatgtatt	aa		1002

<210> 290

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 290

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attctggctt	ttagcgcaac	tgctgcgcag	tttaccgacg	gcaagcagta	cattacgctg	120
gacaagcctg	ttgctggcga	gcctcagggtg	ctggagttct	tctccttcta	ctgcccgcac	180
tgctacgagt	ttgagcaggt	acttcatggt	tctgacaacg	tgaagaaaaa	gctgccggaa	240
ggcaccaaaa	tgacgaaata	ccacggttag	ttccttggcc	cactgggcaa	agatctgact	300
caggcatggg	cggtcgcgat	tgcgctgggt	gtggaagata	agatcaccgc	gcctatgttt	360
gaagctgtac	agaaaaccca	gaccgtacaa	actacggcag	atatccgtaa	agtgttcgta	420
gatgccggtg	tgaaggtga	agactacgac	gctgcctgga	acagttttgt	ggtgaaatct	480
ctcgtggcac	agcaggaaaa	agctgccgct	gacttccagt	tgaggggcgt	gccggcgatg	540
tatgttaacg	gcaaatacca	ggtcaatatg	cgtgggtatg	acacgaccag	catggatatc	600
ttcgtacaac	agtacgctga	taccgtgaaa	tacctggttg	agaaaaagta	a	651

<210> 291

<211> 264

<212> DNA

<213> Enterobacter cloacae

<400> 291

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gagggtgcga	ctgcgcctca	ggcggccgat	aaaatccaca	ccgatttcgt	gaaaggctth	120
attcgtacac	agactatcgt	gtttgaagac	tttatcacct	acaagggaga	gcaaggcgcg	180
aaagaaacag	gcaagatgcg	tgcggaaggc	aaagattaca	tcattaaaga	tggcgatgtg	240
atgaacttct	tgtttaacct	ttga				264

<210> 292

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 292

tgccagcgaa	tgacgttcag	ctgcgtcaga	cggttggtgcg	tgacotttctc	agcagagtct	60
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gaaatcatcg	acggcgacca	taaagagttc	atggccgagc	gggggctgaa	ccgcgtgatc	180
cgcgcgggct	atgagctgct	cagcctgcaa	acctacttca	ccgcgggcgt	gaaagaagtg	240
aacgcgtga						249

<210> 293

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 293

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tcaagcgata	aaggttctgt	agtggtagcg	ttttggaacg	cggttgaatc	cgatatcgct	120
gaaatgaacg	acgccgatcg	tgaagatttc	atggccgagc	aggttctgaa	ccgcgtgatc	180
cgcgcggggc	atgagatgct	cagcctgcaa	acctacttca	ccgcgggcgt	aaaagaagtg	240

cgtggaccat ccctgagggt gcgactgcgc ctcaggcggc cgataaaatc cacaccgatt 300
tcgtga 306

<210> 294
<211> 1332
<212> DNA
<213> Enterobacter cloacae

<400> 294
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atgaaatctt cacgatcggc gtggttcatt tcagcgatat cggattcaac cgcgttccaa 120
aacgctacca ctacagaacc tttatcgctt gaagagtctg ctgagaaagt caccgacaac 180
cgcctgacgc agctgaacgg cattcgctgg cgctatgaca tccacggccg caccgttgag 240
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gtgatcagcc agccgcggga ccgcaacagg ccgcagacgc tggtcagctt ccgctacgat 360
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aagccagtca ccacgcgggt tgtctgggaa gggttccggc tgttgcagga agtgcacggg 480
gatgtgccac tgacctacgt ctacagcgat caggacagct acgaccgcgt ggcgcgtatc 540
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gcatatcggt atatggatag caaatatgct ccacagacaa tagaaaataa atcagccccg 1020
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atTTTTtatt agaaaggtaa tcctgattca tggagtgatg cactgtttatt aggtgagttt 1140
gatacattac aactgtataa aaatggagtg cctcaggtgc aagtacctct tgcaaatgg 1200
ggtcgagggc ctggatatga gcttttcacc agtgcatact ctgagtatgg taaaggtggg 1260
gcattacagt tgctaccaat cgaacgtaat taccctgtta tttttgaacg tgttactata 1320
attccggagt aa 1332

<210> 295
<211> 804
<212> DNA
<213> Enterobacter cloacae

<400> 295
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gtgaaaatat attataaagg aagtgttgat tttattgcag gtgaaggagc tattctcaat 120
gagttcatag gagaagtagc caccgcgacaa ataaatatta tagatggaaa ttattatgct 180
tcttctctct tgctagataa aaaagaaaaa gttggcttcc tgctgtatga tggtaagaaa 240
agcgacctga acttaagtga cgccgaagaa atttcaaatg aggaatttga agttttctgg 300
caaacatcaa cgggttcatt gcaagaaaaa aagcgaataa aatacttgtc tggagatgct 360
gtggaacctt tgaaaaaatc cacagttatt gctcatattg tgaataataa aggggaagtgg 420
ggtaaagggt ttgttctgtc cctttcaaat aaatatcctg cggcaaaaaa aagctatctt 480
agttgcttca aagaaaataa cttcccagaa ttaggggtgg ttgattttgt tatggttgat 540
gctcaggaga agatatttat tgcgaatatg tatgcgcagg atggtataaa gaaaaatatc 600
aacgacaaaa aacaatacgt atgttatgac tctctgaaag tttgtcttga aaaattatct 660
gactttgctt tagttaatcg cctttctata caaatgccaa ggataggagc tggcctcgg 720
gggtggtgatt ggaatgttat agagtcctta atactaaaaa atatttgcta taaaatgatt 780
gattgcaatg taataacttt ataa 804

<210> 296
<211> 204
<212> DNA
<213> Enterobacter cloacae

<400> 296
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ggggatgagg	tcaccgtgac	agtttttaggg	gtaaagggtg	accaggtacg	tattggtggt	120
aacgctccta	aagaagtatc	tgtccaccgt	gaagagatct	accagcgtat	ccaggctgaa	180
aaatcccagc	agtccagtta	ctga				204

<210> 297

<211> 267

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(48)

<220>

<221>unsure

<222>(119)

<400> 297

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accccgggcc	ttgcggtacg	tgccaccgag	atttttctac	gatcatggcg	accacattnt	120
ggggcgggcc	tcccgggaag	cgcggaagaa	gatggcgatc	gctatattga	gatctggaac	180
attgtcttca	tgcagttcaa	ccgtcaggcg	gacggcacca	tggagccggt	gcccacaaacc	240
gtccgtagat	accggtatgg	gccttga				267

<210> 298

<211> 2121

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(70)

<400> 298

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agatctggaa	cattgtcttc	atgcagttca	accgtcaggc	ggacggcacc	atggagccgt	180
tgcccaaaac	cgctccgtaga	taccggtatg	ggccttgagc	gtatcgcggc	cgttctgcaa	240
cacgttaact	ccaactatga	gattgacctg	ttcagcaccc	tgatcaaagc	cgttgctgag	300
gtaacggggc	caaccgatct	gagcaacaaa	tcactgcgcg	ttatcgcgag	ccatattcgt	360
tcctgtgcgt	tcctgattgc	tgacggcggt	atcccgctcaa	atgaaaaccg	tggctatgtg	420
ctgcgtcgta	tcattcgctg	tgcgatccgc	catggcaaca	tgctgggcgc	gaaggacacc	480
ttcttctata	aactcgttgg	gccactgatt	ggcgtgatgg	gctctgccgg	cgacgagctg	540
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atccgcgttg	atagcgcgtc	tgaatttaaa	ggctacgaag	agctggccct	gaccagcaac	900
gtaaccgcgc	tgtttggtga	cggtaaaagcc	gtagacagca	ttagcgcggg	tcaggacgcg	960
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gcaggcggtgc	gtcgtattga	ggcggtgacc	ggggaaggcg	caattgccag	cctgcatgcg	1620

cagagcgcacc	agctacacga	gatcgcgag	ctgctgaaag	gcgatagcca	gaacctgggc	1680
gaaaaagtgc	gtgtcgcgct	ggatcgtacc	cgtcagctgg	aaaaagaact	ccagcagctg	1740
aaagaacagg	ctgcggcgca	ggagagcgca	aacctctcca	gcaaagcggg	agacattaag	1800
ggcgtcaaac	tgctggtcag	cgatctggcg	ggcgttgagc	ctaagatgct	gcgtaccatg	1860
gtcgacgatc	tgaagaacca	gcttggttcg	acggttatcg	tgctggcaac	ggtcgcagag	1920
ggtaaggttt	ctctgattgc	gggcgtctct	aaggatgtga	cggatcgtgt	caaagcaggg	1980
gaactgattg	gcatggtcgc	ccagcagggtg	ggtggcaaa	gtggcggtcg	tccggacatg	2040
gcgcaagccg	gtggtacgga	tgcggcgga	cttcccgcg	cattagccag	cgttgaaagc	2100
tgggtaagcg	cgaaactgta	a				2121

<210> 299

<211> 897

<212> DNA

<213> Enterobacter cloacae

<400> 299

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ctcagggcg	gaaaggtgaa	gtctggccct	gcggctgccg	tgctgctgtc	tcagctcgtc	120
tactggcaca	accgcatgga	cggtgaatgg	ttgtacaaga	cgcggaaga	catcaaaaaa	180
gagaccggc	tgagccgaga	cgagcaggaa	acagcacgca	aaagactcgt	tgccctgggc	240
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cgtctggagg	cacttttact	ggctccaggt	caggcagaat	cacagttggg	tgcaaccccg	360
ccaaccagac	ggcggcaacc	ccgccaacaa	gatggcgga	acgcacccaa	caagatggtg	420
gaaacccgc	caacaagaag	ggtggaaccc	acccaacaag	ttggttgggt	tcgcccacac	480
tttccctacg	gagattacac	agagattaca	caggagagta	cgcaggagat	cactcaaaag	540
gccggtgaga	aaaattctgt	ggataacttt	tcggagatct	accccgaggc	ggaaatcttc	600
gatgctgaga	aaaaaacgtg	gggcaccgcc	gaggatctgg	aatttgcgca	gtgggttttt	660
gcccgcacatg	tcgagctaca	cgaaaaagcc	gccgagtacg	acggtatgct	atcgcggccca	720
aaggaaacctg	actggaccgg	ctgggcccgc	gaagttcgac	agctgcggga	ggggcaacctg	780
tgtgatcacc	aggcagatgc	gaaacctggt	cgagcgtatt	cagcgcgacc	cgtgggtggt	840
gcccgaagat	tcagactgcc	gaagtgtctgc	acgccaatg	gccagaactg	gtcctaa	897

<210> 300

<211> 657

<212> DNA

<213> Enterobacter cloacae

<400> 300

atggaaaccg	tattagacgt	tttaaaagcc	atgggcaaaa	ccacttaccg	tgatgttgcc	60
gcgcgtcttg	atatcgaacc	agtggtagcc	ctgaacatgc	tgcgcgagca	gaaagagcag	120
gggttgtgtg	attatgcaga	cgcggtctgg	ttcctcggtg	ccgcggcaaa	gcaaaagcca	180
aagcgtatcc	gacccaaaca	ggaatcggag	ctggttgccc	ggatccttgc	cgtgatgcag	240
gggcaggggtg	ctataagcgc	ggagaaaatc	gcaaaactgc	tcggtaaaac	ctcccgggct	300
ctaaatgcct	cgctgggtgc	cttgggcaag	gaagggcgag	tggtacgcca	tgtggatggg	360
aaaaacatta	cctggagctt	gaaaaacgac	gatgcgccag	caccggcaac	cgcagccccg	420
atcgctaacc	ccaggcaggc	ggaatccgcg	ctggcagaga	aaagcacggc	ccaaattatt	480
gaagaaatcc	cggcattcac	agcgcgaccg	aatgacctgg	caatcccatc	gtcccgtttc	540
atctcaagtg	aaattcgccg	cacaaaagcg	aagctggcca	gcctgcaaaa	actgcagtgc	600
gccgcgcgcc	agctgcgcgc	ccataaacat	ctgctggtgg	ggctggacaa	tgaatga	657

<210> 301

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 301

ttaatggaaa	tcaaacacga	acacatccag	tgctgtctgc	tgccctgggc	ggcggaagta	60
gggcaggcgc	atgccgcgga	ggcgatcacc	gcagaataca	cccgccaggg	cggcgccgag	120
ctgccgctgg	tggctggcaa	cacctggaac	aaccagcaga	acatcttcca	ccgctggctg	180
gatggcagca	cgcgcagcg	ccgcgcaaaa	atccgcgagc	tgctgcctgc	cattctggcc	240
gtcctgccgc	ggtccatccg	ccaccgcctg	agcatctacg	acacgatcga	gcgccgcgcg	300

ctgctggctg	cccaggacgc	gctggg'gcgcg	gctattgatg	cccatgatga	cgcggtggaa	360
gcgctatttc	agaaaagtc	gcagcacgcc	gctgctgatt	caccgaagtt	tcactaa	417

<210> 302

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 302

gttcacagag	gtgatgtcgt	gagcgtgaag	tgttggtggt	gccaggaact	gctggaggaa	60
gatgaagttt	ttaagcttgc	cgattcatgc	ggtgtcgata	tttgcgatcg	ttgcgcgagc	120
aggggtgtgc	atagctataa	cgagtggcac	ggcggtttca	gctacgcacc	tgtaaagcag	180
aaaaatccaa	ggaaaagcat	ttcagccgca	gtgaagttga	agatatttca	gcgggatggt	240
tttcgttgca	agcactgcgg	gaccagtgcg	gcattaacca	tcgatcacat	ccaaccggtt	300
tcaaaaggtg	gcagcaacca	agatgaaaac	ttgcagacct	tgtgtgcctc	atgcaatagc	360
aggaaggggg	ttaagtga					378

<210> 303

<211> 615

<212> DNA

<213> Enterobacter cloacae

<400> 303

agaaagaacg	gactagctta	tatcaatgca	gtttaccggt	ttaattttat	tattcccctc	60
ggaattttctg	cttgccctggc	atacattctc	cctattatta	atgaaaaaat	cacttatctt	120
cagtcgaggc	caatatcaag	aacagcaatc	ttattatcta	taagagccaa	aaaagcatta	180
gttgccggata	tcagccctaga	aaaatatcga	gctaagcgtg	atgtaactta	cgagcggcac	240
gttgccggag	ctgagaaaga	gatacaagac	atgctggaag	agattgtgaa	ttctaaggaa	300
agagttggcg	aatgaatgc	tgcattgctt	gaattaaacc	aaaaaaatga	tgaaattaac	360
gcattactgc	aagactccaa	cattagaaat	aaaaaactct	ctgatgaaat	agaacgccat	420
aaaatagcag	aaacaagatt	ttttggagag	attgaagatt	taaataaaga	acttgatcga	480
ttatatctct	tactaaaaat	ggagcccact	cgaggtgttg	gcttaggcac	aagaaagatc	540
accactataa	atggtgaaga	aaattcagat	acggatgaca	cccaatatcg	cccaggttcc	600
aatgaagata	aatag					615

<210> 304

<211> 726

<212> DNA

<213> Enterobacter cloacae

<400> 304

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acgttaaaga	gcattttcga	agcagaaggc	tacgatgtct	ttgaagcgac	cgatggcgca	120
gagatgcatc	agatcctttc	tgaaaatgat	atcaacctgg	tgattatgga	tatcaacctg	180
ccggggcaaaa	acgggcttct	tctggcgcg	gaactgcgtg	aacaggcgaa	cgtcgcggtg	240
atgttcctga	caggccgtga	caacgaggtt	gataaaattc	ttggtctgga	aatcggcgcg	300
gatgactaca	tcaccaagcc	gttcaaccct	cgcgagttaa	ccattcgtgc	acgcaacctg	360
ctgtcccgcg	ccatgaatct	gggtacggtc	agtgaagagc	gtcgtagcgt	cgacagctac	420
aaattcaacg	gctgggaact	tgatatcaac	agccgttcgc	tgattagccc	gaacgggtgag	480
cagtacaaac	tgccgcgcag	tgaattccgc	gcgatgctgc	acttctgcga	gaacccgggc	540
aagattcagt	ctcgtgcaga	actgctgaag	aaaatgaccg	gtcgtgagtt	gaagccacac	600
gatcgtaccg	ttgacgtaac	catccgtcgt	attcgtaaac	atttcgaatc	tacgcctgat	660
acgccggaaa	tcatcgccac	gatccatggt	gaaggctatc	gtttctgcgg	tgacctccag	720
gagtaa						726

<210> 305

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 305

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cgtgccatga	agactatggg	ttttaccgat	ttgcgtattg	tggacagcac	ggcgcatctg	120
gagcctgctg	cgcgctgggt	ggcgacggt	tcgggtgata	ttctcgataa	tataaccact	180
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agccgggcca	agtttacta	ttacgccacg	cctgctgaac	tgggtgccgat	gctggaagag	300
aaaagccagt	ggctggagaa	agccgcgctg	gtgtttgggc	gagaagattc	cgggctgact	360
aacgaagagc	tggcgctggc	tgacgtgctg	acgggcgcgc	cgatgggtggc	ggattacccg	420
tcactcaatc	tggggcaggc	ggtgatggtc	tattgctatc	aattagcatc	cttaatacaa	480
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gcagataagc	ttcttgcgca	gttgggcgtc	gctgacgatc	aaaaaatggg	ggactggtta	600
cagcagcgcc	tggggcgctc	tgaacagcgt	gacacggtaa	tgttgcaccg	attgcttcac	660
gatattgaaa	aaaaattagc	ggagtaa				687

<210> 306

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 306

ggtaacaata	tgaaatacaa	ggttttagtc	tttgacgac	tggcactgat	ggcagggcgc	60
gtggcgacag	cggagcaaat	tggctccgtg	gataccgtgt	ttaaaatgtt	tgggccggac	120
cacaaaattg	tgggtggaggc	gtttgacgat	ccggacgtta	aaaacgtcac	ctgctatgtc	180
agccgggcaa	agaccggcgg	gattaaagc	ggcctggggc	tggctgaaga	cacgtctgac	240
gcggccatct	cctgccagca	ggttggaccg	gtggaattga	gtgacaaaat	taaaaacggc	300
aaagcgcagg	gcgacgttgt	attccagaaa	cggacctcgc	tgggtgttcaa	aaagctacag	360
gtggtccgtt	tttatgatgc	gaagcgtaac	accctggctt	atctggccta	ctcggacaaa	420
gtcgtggaag	gctcaccgaa	aaacgcgatt	agcgcggtgc	cgattatgcc	gtggcatatga	480

<210> 307

<211> 864

<212> DNA

<213> Enterobacter cloacae

<400> 307

aagaagtgtt	tgtcggcctt	gcgccagata	ttggaaaaga	gcacgaggct	gattatgtcc	60
gggtcttccc	aagatgactt	caccggcgcg	gatatgttcc	gccggttacg	tgacatcata	120
aagcgcggtg	tcgtcaaaaga	agtacagatg	cagcccccg	gcgtccgggt	gactttcggc	180
ggagagcatc	agtcgggctg	gctgcaatgg	tttacccttg	caacatcaga	acgcgtcgac	240
tggagcgcg	cgaaagtggg	tgaccgggta	cccccaatt	ccacagcggc	agaacgggcg	300
ctggaagccg	ttctgtcaca	cgctggcgac	cttcttgcg	atatccggat	catcaaaaac	360
cccgatttat	gccccgtcga	tttgctcccc	tggcttgcat	gggagtatgc	agtcacatac	420
tggaactcgg	gctggagcga	gcagcaaaaa	cggcaggtca	tcaaagcggc	agcgtggcaa	480
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aaaatttacc	tgctaaagca	aatgggggatg	gatttagacc	tgctcaacac	ttttattgcy	660
cagatattcg	atgcgaaaaa	ctgccgctcg	ttgctcgaat	ctatcaattt	tgaagcagaa	720
atcgacgggtg	aattttatat	cgcggggacc	acggctgccg	acgtcgtggg	agaaatccc	780
gcagaggatg	aggggggagt	aaaagtaaac	ggctccctgt	ttatttcggg	tgtaccgaca	840
gctcatatca	cagtggaaat	atag				864

<210> 308

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 308

ggggggagta	aaagtaaaccg	gctccctgtt	tatttcgggt	gtaccgacag	ctcatatcac	60
agtggaaata	tagaaatggg	acaaaagaga	acagcgctta	aaagcgccac	atctactcca	120
gacgataaga	tatacgcaat	cctgactgac	cggggcgcg	agctggaagc	cgcagcgctc	180
gctaccggcg	tgccgggttaa	attaacaaaag	tttgttattg	gggacgcgaa	cgggcaggaa	240
gaagtcacac	ctgaccgggc	cagaactgcc	cttatccatg	aggtttatcg	cggtgatatac	300

aacggtgctg	aaagcaaggg	caaccaggta	acgtttactc	tcgatgtccc	cccggagacg	360
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gcacgttctc	ctgatatttt	aaaacccacg	gaaagtaacg	gggcagtaat	ttcaataacg	480
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tatttaaccc	cggatgctgc	tgatgcccg	tatttaaaag	ttaatgcgaa	tctaaaagaa	600
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gatatagcgt	acagagataa	agaaaatata	ttcactaaaa	agaatacgtt	tggtgaaata	720
ctatatgtca	ataaatcaat	agttttatcg	ggagattggg	ccgtatcatg	gtcactagct	780
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<210> 309

<211> 357

<212> DNA

<213> Enterobacter cloacae

<400> 309

cgttgtcgag	ccgcgttact	acaggcgatt	ctggatggcg	tggcgcagca	tggcccttac	60
tttgtgattg	cgccaggcct	ggcgatgccg	catggccgcc	cggaagaggg	cgtcaagaaa	120
accggcttcg	cgctggtgac	gctgaaaacc	ccgctggtgt	tcaaccacga	agataacgac	180
ccggtcgaca	tccttatcac	tatggcggct	gtcgatgcca	ataccaccca	ggagggtggc	240
atcatgcaga	tcgtcaatct	gtttgatgat	gaagctaatt	ttgaccgttt	acgcgcctgc	300
cgtaccgcgc	aggacgtgct	ggatttaatt	gataacgcc	ctgcggcggc	cgtttaa	357

<210> 310

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 310

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cacgcttacg	aaaccaccgg	tctgattgcg	gaagaagtgg	acatcatcga	agtcggcacc	120
attctgtgcg	tgggcgaagg	cgttcgtgcg	gttcgtgacc	tgaaggcgct	ctatccgcat	180
aaaatcgctg	tggcggatgc	caaaatcgcc	gatgcgggca	aaattctctc	tcgcatgtgc	240
tttgaagcca	acgccgactg	ggtcaccgtg	atctgctgtg	cggatatcaa	cactgcgaaa	300
ggcgcgctgg	acgtggcgaa	ggagtccaat	ggcgacgtgc	agattgaact	gaccgggttc	360
tggacctggg	agcaggcgca	ggagtggcgc	gaagcaggta	tccagcagg	ggtttatcac	420
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aaacgtcttg	ccgatatggg	cttcaaaagt	accgtaaccg	gtggcctggc	gctggaagat	540
ctgccgctgt	tcaaggggat	tccaattcac	gtctttattg	ccggtcgtag	cattcgcgat	600
gcggaatctc	cgggtggaagc	tgcgcgtcag	tttaaacgct	caatcgctca	gctttgggg	660
taa						663

<210> 311

<211> 870

<212> DNA

<213> Enterobacter cloacae

<400> 311

ggagcgggta	tgttgtcaaa	acagggtccc	cttggcatct	atgaaaaggc	actccctgcg	60
ggggagtgc	ggctggagcg	gttacagctg	gcgaagcagc	tgggtttcga	ttttgtcgaa	120
atgtcgctgg	atgagacgga	cgagcgtctt	gctcgccctg	actggagccg	cgaccagcgt	180
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acgctcaaac	agacaggtta	ttgcgggcct	tacctgattg	agatgtggag	cgaaaccgcg	780

gacgatccgg cggcagaagt ggcgaaagcc cgggactggg tgtgcgagcg catggcgcg 840
gcaggactga tggaggcgga acatgcttaa 870

<210> 312
<211> 654
<212> DNA
<213> Enterobacter cloacae

<400> 312
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ttcgtcgccg aactgtcgga agcgtttaat ggcattctcc agcgctgat ccctggcgcg 180
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gtctttatgg ccgtcatcat cctgattgcc ctggcttata tgttcttcgc tggccgttcg 600
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<210> 313
<211> 318
<212> DNA
<213> Enterobacter cloacae

<400> 313
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atgatcatga agatgaaagt ggaccagttt ttaaccagc caaacattga ccacacgggtg 120
aacagctgcg cagtgggtga atacaaaagt gaactgaacg gcgcggacat catcatcgcc 180
tcaacgcaca ttgccggcga gattagcgtg tcgggcaaca aatacgtggg aggcgtacgc 240
aacatgctgt cgctgcgga tttcggacca aagctgctgg aagtgatcaa agaacacttc 300
ccacaagacg tgaagtaa 318

<210> 314
<211> 186
<212> DNA
<213> Enterobacter cloacae

<400> 314
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gaagcaagca cctggcagga agcggatgaag ctgagcgtgg atctgctggg taaggctgac 120
gttgctgagc cgcgttacta caggcgattc tggatggcgt ggcgcagcat ggcccttact 180
ttgtga 186

<210> 315
<211> 570
<212> DNA
<213> Enterobacter cloacae

<400> 315
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cgctatggac tgggtacgtt tacgtggggc aacgtaagcg ccacgatcgc cgagcagggg 120
ctggtgggtga ttaagccgag cggcgtggcc tatgacgcca tgaaagcgga cgatatgggtg 180
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<210> 316
 <211> 708
 <212> DNA
 <213> Enterobacter cloacae

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 cggtacaatg taggcattgac gacccgctta cgacccccg cgaggctgtc cagcgaggag 540
 gccagcgtat tgcgcggcta ttctgtaat ctcaaaacca agcaaatcgc ccgtcagctg 600
 ggggtgtaacg tcaggctggg ttacttttat aagaacaacg ccatgaacaa gcttaaagcc 660
 gtgcgtggcc cctcgtttta ccagagcatt cgctggatcc tgaattaa 708

<210> 317
 <211> 762
 <212> DNA
 <213> Enterobacter cloacae

<400> 317
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 tcagggtctg gcttccagcc gcttgatgat cttcattcgg gccagggtgtt cgcgcagtaa 180
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 cggtctgagc aggtgagca acgtcatctt catgccacgc ttgttcgggt aaaagaggcg 480
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 gcgctaccgc tggatggggg aaaaattgac cgttcagcac tgcgcgagcg cgcgccgctt 600
 gccccgtttg tgcaggaggc caggacaggt atcgcgcaat caattcttat cgaaggcatc 660
 gaaaactcgc gggatctggc gcgcgcccgc acgtccggcg cacagtctgg ccagggtttt 720
 ctgtggcccg aaagccgaac cgatgcccgc gtaacgcttt ga 762

<210> 318
 <211> 186
 <212> DNA
 <213> Enterobacter cloacae

<400> 318
 ggcggcaatg atgccagaca cattaaagtc ggcgtgatca atggcgctga gcaggacgtg 60
 gcggaagtcg ccaaaaaggc ggcaaaggag aaatacggc ttgatgttga gctggtgggc 120
 tttagcggct cgctgctgcc caacgatgcc accaaccagg gcgaactgga cgccaacgct 180
 ttctag 186

<210> 319
 <211> 555
 <212> DNA
 <213> Enterobacter cloacae

<400> 319
 catcgcctgt tctctgcaga agataacaag gcgcacaatt acaagctggg cgcctgggcc 60
 aataccttct tcttcccgat ggcggtttac tcccgaaga ttaaactcgt ctctgagctg 120
 aaggacggcg caaccattgc gattccaaac gatcccacca accttgccg cgcgctgttg 180
 ctgctgcaaa aagagaagct gattaccctt aaaccggatg ttggcctgct gccaacggcg 240

ctggatatta	ccgcgaaccc	gaaaaactta	cagattatgg	agctggaagg	ggcgcagctg	300
ccgcgcgtgc	tggacgatcc	gaaagtggat	gtggccatca	tcagtaccac	ctatctccag	360
caaacggggc	tgtctccggt	acacgacagc	gtctttattg	aagacaaaaa	ctcaccctat	420
gtgaatattg	tggtcacgcg	tgaagacaac	aaagacgctg	aaaacgtgaa	ggaatttatc	480
cagtcctatc	agtcgcccga	agtggcgaaa	gcggcagaga	ccctttttta	cggtggcgcg	540
gtgccgggct	ggtaa					555

<210> 320

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 320

acgccccacg	gagttaccgg	gtgcttacca	aagttacgac	cttcaccacc	accatgtggg	60
tggtcgactg	ggttcatcgc	agtaccgcga	acggtaggac	gaacaccacg	ccagcgtgca	120
gcaccagctt	taccagaac	gcgcagcata	tgctcagcat	tgccaacttc	gccagagta	180
gcgcggcagt	ctgcttcgac	tttacgcatt	tcaccagaac	gcagacgcag	ggtgacataa	240

<210> 321

<211> 237

<212> DNA

<213> Enterobacter cloacae

<400> 321

ttttccagcc	gcctggtgaa	gactaagctg	ctggcacaga	aactgaaaga	catggctctg	60
gaagatgtgc	tgatcatcac	cggtgagctg	gacgagaacc	tggtcctggc	cgcgcgtaac	120
ctgcacaagg	ttgacgtacg	cgacgcgact	ggtatcgacc	cggttagcct	gatcgccctc	180
gacaaagtgc	taatgactgc	tgatgctggt	aagcaagttg	aggagatgct	ggcatga	237

<210> 322

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 322

aggcccaagc	atgaagcgca	ttatgccgcg	tgcgaaaggt	cgtgcagatc	gcatcctgaa	60
gcgcaccagc	cacattactg	tggttgtgtc	cgatcgctga	gactctggag	actagcaatg	120
ggtcagaaag	tacatcctaa	tggatttcgc	ctgggtattg	taaaaccatg	gaactctacc	180
tggtttgca	acaccaaaga	attcgcctgac	aacctggaca	gcgattttta	agtacgtcag	240
tacctgacta	aggaactggc	taaagcgtct	gtatctcgta	tcgttatcga	gcgtccagct	300
aagagcatcc	gtgtgactat	tcacactgct	cgccctggca	tcgttatcgg	taagaaaggc	360
gaagacgtag	aaaaactgcg	caaggtcgta	gcggatatcg	ctggcggttc	tgacacagatc	420
aatatcgctg	aagttcgtaa	gcctgaactg	gacgctaaat	tggttgctga	cagcatcact	480
tctcagctgg	aacgtcgtgt	tatgttccgt	cgtgctatga	agcgtgctgt	acagaacgca	540
atgcgtctgg	gcgctaaagg	tatcaaagtt	gaagttagcg	gccgtctggg	cggcgcgga	600
atcgcacgta	ccgaatggta	ccgcgaaggt	cgcgtaaccg	tgacactctc	gcgtgctgac	660
atcgactaca	acacctctga	agcgcacacc	acttacgggt	taatcggcgt	taaggatatg	720
atcttcaaag	gtgagatcct	gggtgggatg	gctgctgttg	aacaaccgga	aaaaccggct	780
gctcaaccta	aaaagcagca	gcgtaaaggc	cgtaataata			819

<210> 323

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 323

ggagcgtcgc	tgatgttaca	accaaagcgt	acaaaatttc	gtaaagtgca	caaaggccgc	60
aaccgtggtc	tggcgaggcg	tacggatggt	agcttcggca	ctttcgggtc	gaaagctggt	120
ggccgtggtc	gtctgactgc	acgtcagatc	gaagcagcac	gtcgtgcaat	gaccgcgtgca	180
gttaagcgtc	aaggtaagat	ctggatccgt	gtattcccg	acaaaccgat	caccgagaag	240
ccactggaag	ttcgtatggg	taaaggtaaa	ggtaacgtgg	agtactgggt	tgcccttgatc	300

caaccgggca	aagtccttta	tgaaatggac	ggtgttccgg	aagagctggc	ccgtgaagcc	360
ttcggcctgg	cagcagcgaa	actgcctatc	aaaaccacct	ttgtaactaa	gacggtgatg	420
taa						423

<210> 324

<211> 843

<212> DNA

<213> Enterobacter cloacae

<400> 324

gtaagtcgga	ggagtaatac	aatggcagtt	gttaaagtga	aaccgacatc	tccgggtcgt	60
cgccacgtag	ttaaagtggg	taaccctgag	ctgcacaagg	gcaaaccctt	tgctccgttg	120
ctggaaaaaa	acagcaaatc	cggtggctcg	aacaacaatg	gccgtatcac	cactcgtcac	180
atcggtggtg	gccacaagca	ggcttatcgt	attgttgact	tcaaacgcaa	caaagacggt	240
atcccagcag	ttgttgagcg	tcttgagtac	gatccgaacc	gttccgcgaa	catcgcgctg	300
gttctgtaca	aagatggcga	acgccgttac	atcctggccc	ctaaaggcct	gaaagctggc	360
gaccagattc	agtctggcgt	tgatgctgca	atcaaagcag	gcaacaccct	gccgatgcgc	420
aatatcccg	ttggttctac	cgttcataac	gtagaaatga	aaccaggtaa	aggcggtcag	480
ctggcgcggt	ccgcgggtac	ttacgttcag	atcgttgccg	gtgacgggtg	ttatgtcacc	540
ctgcgtctgc	gttctgggtg	aatgcgtaaa	gtcgaagcag	actgccgcgc	tactctgggc	600
gaagttggca	atgctgagca	tatgctgcgc	gttctgggta	aagctgggtg	tgacgctgg	660
cgtggtgttc	gtcctaccgt	tcgcggtact	gcgatgaacc	cagtcgacca	cccacatggt	720
ggtggtgaag	gtcgttaact	tggttaagcac	ccggttaact	cgtggggcgt	tcagacccaa	780
ggtaagaaga	cccgcagcaa	caagcgtact	gataaattta	tcgtacgtcg	ccgtagccaa	840
taa						843

<210> 325

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 325

gaggaagaga	tggaaacttt	agctcaacat	cgccatgctc	gttctttctgc	acagaaggtt	60
cgcttgtgtg	ctgacctgat	tcgcggtaag	aaagtgtcgc	aggccctgga	catcctgacc	120
tataccaaca	agaaagctgc	ggtattggtc	aagaaagtac	tggaatctgc	cattgctaac	180
gctgaacaca	acgatggcgc	tgacatcgac	gatctgaaag	tcgcgaaaaat	tttcgtagat	240
gaaggcccaa	gcatgaagcg	cattatgccg	cgtgcgaaag	gtcgtgcaga	tcgcatcctg	300
aagcgcacca	gccacattac	tgtggttgtg	tccgatcgct	ga		342

<210> 326

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 326

gactttactg	actcagaagg	cggtgctgta	atgaccgata	aaatccgtac	tctgcaagggt	60
cgtgttggtta	gcgataaaat	ggagaaatcc	attgttgtag	ctatcgaacg	ttttgtgaaa	120
cacccgatct	acggtaaatt	catcaagcgt	acgaccaaac	tgacagtaca	tgacgagaac	180
aacgaatgtg	gtatcggcga	caaggttgaa	atccgtgatg	ctgtccagggt	cgacgactac	240
tcctggacgc	tgttcgctg	taaaaaaaag				270

<210> 327

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 327

ggagatgctg	gcatgattcg	tgaagaacgt	ctgctgaagg	tgctgcgcgc	accgcacggt	60
tctgaaaaag	cgtctactgc	gatggaaaaa	acaaacacca	tcgttctcaa	agttgctaaa	120
gacgcgacca	aagcagagat	caaagctgct	gtgcagaaac	tgtttgaaag	cgaagtcgaa	180
gtcgttaaca	ccctggtagt	taaagggaaa	gttaaactgc	acggacagcg	tatcgggtcgt	240

cgtagcgact ggaaaaaagc ttacgtcacc ctgaaagaag gccagaacct ggacttcggt 300
ggcggcgctg agtaa 315

<210> 328

<211> 282

<212> DNA

<213> Enterobacter cloacae

<400> 328

gccatgccac gttctctcaa gaaaggtcct tttattgacc tgcacttgct gaagaaggta 60
gagaaagcgg tggaaagcgg agacaagaag cccctgcgca cttgggtcccgc tcgttcaacg 120
atctttccta acatgatcgg tttgaccatc gctgtccata atggctcgtca gcacgttcca 180
gtctttgtta ccgacgaaat ggttggtcac aaactgggtg aattcgcacc gactcgtact 240
tatcgcggcc acgctgctga taaaaaagcg aagaagaaat aa 282

<210> 329

<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 329

gacggtgatg taatgaaagc aaaagagctg cgtgaaaaaa gcggtgaaga gctgaacgct 60
gagctgctga acctgctgcg tgagcagttc aacctgcgta tgcaggctgc aagtggccag 120
ctgcaacaga ctacacctgct gaagcaagtg cgtcgcaatg ttgcgcgcgt taagacttta 180
ctgactcaga aggcgggtgc gtaa 204

<210> 330

<211> 1308

<212> DNA

<213> Enterobacter cloacae

<400> 330

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cttaacgtgt tattaactaa gcttgaaaaa gcggcgacta atattacgga aaagcgtaag 120
tcaggctggg atgaaaaaga cggtgtgctg attacctatg ccgatcagtt ctccacaaaa 180
ggggagcaag cggtgcccgt atttaccgcg ttctataatg aatggctttc tcgtacgttt 240
tcccatgtcc atctgttacc tttttatccg tggctctcgg atgatggatt ttccgttatt 300
gattatcacg aggttgctcc tgaaacagga acctggcgag atgtcgcgga attaaaacat 360
tcagcagct taatgtttga ctctgtttgc aatcatatgt cagcgaaaag cgaatggttt 420
gctaattatc ttgcgcagaa gccgggctac gaagatttct ttatttctgt cgaccccgaa 480
accgatttat ccgcggtgac gcgtccacgc gcattaccgc tgcgtgacgc gttcacgctt 540
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ggggcgcggt atatccgtct ggatgcggtc ggggttatgt ggaagatccc gggaaccacc 720
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ttgaaccctg tacgcggcat ccttcgggaa tcagagatcc tctcgctggt tgaaaagctt 1080
cagcatgaat gcgcgctggt caactggaaa aataatcctg acggtacgcg aagcccctat 1140
gaaattaatg tcacctatct tgatgcgttg agtttgcgag acagctcata tgatgagcgc 1200
attgcgcggt tcactcctgt gcgtgctgtg ttgttaagtt ttcctggcgt accggctgta 1260
tatattcaaa gcattctcgg ttcgcgtaac gattatgaag gtgtctaa 1308

<210> 331

<211> 375

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(96)

<400> 331

cgtcttggat	ataaccgcgc	aataaacagg	aagaaataca	ccgcacgtca	cgttgatctg	60
gaactcaata	ataagaagag	tatacgttat	caaatntatt	ctcgtttgag	tgagttttatt	120
gctattcgtc	gcggcgagag	tgcgttccat	ccg gatagcc	aggctatfff	tgacgcaatc	180
ggcgaacata	tccttaaaat	tgttcgtggt	gctgaaaatg	gcgagcgaat	gacagcatta	240
tttaatttta	gcaataaaat	gcagaccatt	tatggacaaa	cgctctttgg	tagggaatta	300
ctatcaggac	acgatattag	cggtacggaa	ctgaacctca	atccatggca	ggtaatgtgg	360
attaaagaaa	actaa					375

<210> 332

<211> 1326

<212> DNA

<213> Enterobacter cloacae

<400> 332

tgtggattaa	agaaaaactaa	aaaggaccct	aaaatgaaaa	tgcccaaaat	tgtgctgtta	60
tcagcactgg	tttcgtgcgc	cctgttatca	ggctgtaagg	acgataaagc	atctcaggtc	120
accattgagt	ttatgcactc	gtcggtagaa	caggagcgtc	aggcagttat	tacgaaactg	180
atcgaaaaat	tcgagaaaag	gaaccgcact	attacggtga	aacagggtacc	cgttgaggaa	240
gatgcctata	acaccaaggt	cattacggtg	gcccgtaccg	gcgcgctgcc	ggaagtgatt	300
gaagtcagcc	atgactacgc	caaagtcatt	gataaagagc	aactgctgga	ccgtgacgcg	360
atcggcaacg	cgattaaagc	cgtcggtgaa	gatacctttt	atgacggcat	tttacgcgtt	420
gttcgactg	aagacggcaa	ggcatggacg	ggggtgccgg	ttagcgctcg	gctgtccggc	480
gtctggtatc	acaaagatgc	gctcgcggca	gcaggaatcg	aagagccgca	caactgggag	540
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aaatcatcag	ccgtgtacgg	catgatcacc	tcgttgacga	tcacgaccgg	ccagaccgaa	960
gaggaaacgc	aggcggcaga	aaaattttgt	acctggatgg	agcaggctca	aaacgcgtct	1020
gactgggtga	tgatgtcccc	tggtgcggcg	ctgccgttga	acaaactcgt	ggtgggcact	1080
gagagctgga	aaaacaacga	cgtgatcaaa	gcctttgggt	aactgcctta	cgagctgatt	1140
gcgcagttcc	cgaacgtcca	ggtattttgg	gccgtaggcg	acaaaaactt	taccgcgatg	1200
ggagatgtta	ccgggtccgg	cattatcagt	tccatgggtg	ataacgtaac	ggtgggacaa	1260
aaagatctca	atgcgacgtt	aagcaacagc	cagaagaaac	tgactgacct	gatctcacia	1320
cgatag						1326

<210> 333

<211> 903

<212> DNA

<213> Enterobacter cloacae

<400> 333

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gcatgctgc	tggtggcccc	cagcctgatt	ttgctggggg	gcctggtggc	ctggccaatg	120
atttccaaca	ttgaaatcag	ttttttacgt	ttaccgctga	acccgcgtat	tgatgcgggtg	180
ttcgtcggcc	tggataacta	cattcgcatt	ctgggcgatg	ctgcgttctg	gcactccctg	240
tggtatgacg	tctggtatac	ggccctgggt	gtgctcggca	gcaccgggtt	gggactggcc	300
gtagcgatct	tctttaaccg	tgaattccgc	atgcggaaaa	cggcacgttc	actggtgatt	360
ctgtcctacg	tgacgcgcgc	tattttcactg	gtatttgcct	ggaaatacat	gttcaacaac	420
ggctacggga	ttgtgaacta	cctgggcgtt	gatctgctgc	atctctacga	tcaggcgccg	480
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tacttcccg	acgcctttat	ctcgttcctc	gcaattttgc	agaccattga	taaatcattg	600
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cccgccatca	tgccggtgct	ggccacgggtg	gtcacgctgc	gaaccatctg	gatgttctac	720
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aaaaccgcct	ttgcgttcaa	tgacctgggt	aaagcagccg	ccatttccgt	tgtgctgttt	840
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taa						903

<210> 334
 <211> 645
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(525)

<220>
 <221>unsure
 <222>(526)

<220>
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 <222>(544)

<220>
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 <222>(546)

<220>
 <221>unsure
 <222>(609)

<400> 334						
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gcgaaagagg	cgatctcgtc	gcacccgacc	attctgccgc	aggagtggac	gctacagcac	180
tacatcgaca	tctttaaccc	gctgattttc	ccgtttgtgg	attacttccg	taacagcatg	240
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atgttctccg	ggatcctgct	ggtggtgccg	ctgttcaaaa	tcatcacccg	gctcggcatt	420
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tttatgctgc	gcaactatth	cgacaccatc	ccggacgaaa	tcgannaagc	cccgatgaag	540
gacngctga	aacgcctgca	aatcatcttc	cgcatacccc	tcccgtggg	caattccggt	600
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<210> 335
 <211> 459
 <212> DNA
 <213> Enterobacter cloacae

<400> 335						
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caggcaggtc	agcgtgtgca	gatcatcaaa	cgcgatccga	aagagggcgg	cgtgttgctg	120
atgagtaccg	aagtggtaag	cgataaggat	ggcaccattg	ccgtgctgct	gggggcatct	180
ccgggggctg	ctaccgctgc	gccaatcatg	ctgcacctga	tggaaaaagt	gtttaaggac	240
aaagtatcca	gcccgggaatg	gcaggcgaag	ctgaaaacca	ttattccatc	ttacgggtacg	300
aagctgaacg	gtaacgttga	ggccacggaa	caagagctgg	aatacaccag	ccgcgttctg	360
caactgcaat	acgtcaaac	gcaggctgcg	gatgctgcgc	caaaggcaga	gctgaagcct	420
caggcggaag	gcaagccggt	agcggatatc	gcgctgtaa			459

<210> 336
 <211> 372
 <212> DNA
 <213> Enterobacter cloacae

<400> 336
 tgcactgctt ttgtgttctt ttattggtgt ttaatgctgt ggtggagtgc atgcggcgat 60
 cgtgttattt tacgcgttaa ttattgttat ttatctgtaa agggaggaga tatggtacgg 120
 gaaaaactga agacacctga aggccgcaag ttctgctgg cgttactgg tgtgtttatg 180
 attgctgctg catgcgtggg gcgagcaacc attgtcgggtg tgattgagca gtacaacatc 240
 ccgctatctg cctggacaac cagcatgttt gtcctgcaat cggcgatgat ctttgtttac 300
 agcctggtgt tcaccgtgct gctggcgatt ccgctgggga ttttctttct cgggtgggcgt 360
 gaaaaacact aa 372

<210> 337

<211> 410

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (372)

<400> 337
 ataccgcccg gtctaaaagg agagttttatc atgagtctgg aaatcaacca gattgccttg 60
 caccagctta tcaagcgtga tgagcaaac cttgaagtgg tgctgcgcga ttcgttactg 120
 gaaccaacgc ctaccgttgt cgagatgatg gcggagttgc atcgcgctta cagcgcgaaa 180
 aataaagcct atggcttggt cagcgaagag agcgaactgg cggatagcct gcgcctgcaa 240
 cgtcagggcg aagaggattt cctggcattc agccgcgctg ctactggccg tctgcgtgac 300
 gagctggcga aatatccctt cgccgatggc ggtatcgcc tgttctgcca ctaccgctgt 360
 ccggcggtag tntttccaca agagctggca atccgcgagg tcaatagggga 410

<210> 338

<211> 1875

<212> DNA

<213> Enterobacter cloacae

<400> 338
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 tgacgtcctc cgttagcgac gaccaggcac actaaggga acgaacaaca gtttatggtg 120
 acgaatcgtc agcgctaccg tgaaaaagtc tcccagatgg tcagctgggg gcactggttt 180
 gccctgttca acattctgtt ggcgatgggtg ctcggctgcc gttatctgtt tgtggcggac 240
 tggccaacca cattaaccgg gcgcgtctac tcgtggatga gccttgtggg tcacttttagc 300
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 cagcgggtga tgcgcttcc gtctgccatt cttgcaacgg cgggcatgac gctgttgctg 420
 atcgacagcg aagtctttac ccgattccac ctgcacctga atcctgtcgt ctgggagctg 480
 gtgattaacc cggatcagaa cgagaccgcg cgcgactggc agctgatgtt tatcagcgtg 540
 ccgattatcc tgctgatcga aatgctgttc gccacgtgga gctggcaaaa actccgcagt 600
 ctgacccgac gccgccatta tgccaagccc gtcgcggcgc tctttttcgc ctcatttatc 660
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<210> 339

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 339

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gctccgtatc	cgcaagcgga	caaagggatg	aagcgccagg	ttattcagct	cccggctcag	180
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aaccagcatc	gtctggggcg	ccaactggaa	agcaaaacgc	tggaaggctg	gggctatgac	300
tactatgtct	tcgacaaagt	aacctcgcca	gtctccacca	tgatggcgctg	cccggacggc	360
aagaaagaga	agaaatttat	taccgcgtat	ctgggtgata	acagtctgct	gcgctataac	420
agcaagctgc	cgatcgctgt	atatacgccg	gaaaacgtgg	atgtgaaata	tcgcgtatgg	480
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<210> 340

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 340

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gtcaacgtac	tgaaaaaaca	taaaacgcca	accgatctct	ccctgatggt	tttgggaaat	120
atggtttacca	acctgatcaa	taccagcgtt	gctccggctc	agcgtcaggc	gatcgccaaa	180
tctttcgccc	aggctttgca	gtcctccgtt	agcgacgacc	aggcacacta	a	231

<210> 341

<211> 1458

<212> DNA

<213> Enterobacter cloacae

<400> 341

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aggttcaaaa	tttccctgac	cacacgcctg	agcctgattt	tttctgcggt	gatgcttacg	120
gtatggtggt	tatcaagttt	tatcctgatt	agcaccctta	atggctattt	cgataatcag	180
gaccgcgatt	ttctgacagg	taaacttcag	ctcaccgaag	agtttcttaa	aacagagacg	240
ttcaggaaca	aaacggatat	taagtcatta	tcagaaaaaa	taaacgatgc	gatggtgggg	300
cacaatggct	tattcatatt	tataaaaaaac	atggaaaatg	aaaaaattgt	tgaactctat	360
gccaaaaatt	ctggtgttcc	agcggtcctg	cttaataagt	cgggtgatat	tctcgactat	420
atgatccaga	cggaagaaaa	taacaccgtg	taccgcagta	tctcgcggcg	ggttgccgtg	480
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cacaccctgt	ttatggacaa	actcagtacc	tggctgttct	ggttcaatat	cggtctggtc	600
tttatttctg	tttttctggg	ctggctgacc	acacgtattg	gtctgaaacc	gctacgggaa	660
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acagcgatac	accttgagcg	tgacagggac	tgtgtgaacg	tgatgattac	gaatacgatg	1260
tccggccagg	ttcccgttaa	tctggaacgt	ttgtttgacc	ggttctatcg	cgcagactca	1320

tcaaggttct	acaacacgga	aggcgcgggg	ctgggattat	caattacaag	gtcgatcatt	1380
catgctcacg	gcggcgagct	gtcagcagaa	cagcaggggc	gtgaaattgt	gttcaaagtg	1440
cgctgttaa	tggttaa					1458

<210> 342

<211> 732

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(297)

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<221>unsure

<222>(306)

<400> 342

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ggtgctttgt	tcctttacac	taataagaga	gtattgtcct	gcctgctgat	gacgatgagt	180
gggggcgtgg	cgctggctac	acttgccctg	ggaggacacg	ccgttatgca	tgacggtctg	240
cattactatc	tccatttact	gagcgatctg	acccatctcg	gcgctgcagg	tgccctngac	300
aggggntttg	ctctggttgc	atgtgctatc	ctgctgatgc	gcagaaacga	gcataatgca	360
cagagcgta	ttgtgatata	tgactccctg	gcaaaatttg	ccacggcagg	aacggtgatt	420
gttgtagccc	tgatcctgac	tgcgctggtc	aactatctgt	atattgctga	gggtaactta	480
actcccttat	tcaacagttc	ctgggggagg	atattgcttg	ccaagacggc	tctgtttgtt	540
ctgatgcttc	ttctggctgc	agcaaaccgg	tttcacctgg	gtccccggct	tgaagttatg	600
gtcagggaag	ggaattatga	tgcgagcgtt	gccctgatgc	gaaacagcat	cctgacagaa	660
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caggtcagct	ag					732

<210> 343

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 343

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caaaaaacag	gtcgttacct	gcagcaggga	ctggttgagg	aaggctatca	ggccgatctc	120
tttaataatg	gccgcgatgg	tctcgggggc	gcgtcgaagg	gacagtatga	tttgataata	180
ctggacgtga	tgctgccttt	cctcgacggg	tggaatca	tcagcgact	gagggagtcc	240
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ggactggagc	ttggcgaga	tgactacctg	attaagccct	ttgattttac	ggagctggtt	360
gcacgtgtaa	gaaccctact	gcgccgggca	cgctcgagg	ccgcaacagt	ctgcaccatc	420
gccgatatga	ccgttgata	ggtgcgccgg	accgtgatcc	gttcggggaa	gaagatccat	480
ctcaccggta	aagaatacgt	tctgcttgag	ttgctgctgc	aacgcaccgg	agaagtgtta	540
cccaggagtc	ttatctcgtc	cctggtctgg	aacatgaatt	ttgacagtga	tacgaatgtg	600
attgatgtcg	ccgtgagacg	tctgagaagt	aaaattgatg	atgactttga	gccaaaactg	660
atccataccg	ttcgcggtgc	cggatatgtc	ctggagatca	gagaagagtg	a	711

<210> 344

<211> 413

<212> DNA

<213> Enterobacter cloacae

<400> 344

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gcgcgggata	atggaattaa	tgacaatctg	ctgtttacct	ggcgccagcg	ttacagacat	180
cttctgccc	atgaaatata	acgggtcaatc	agagagcaag	actctgttat	ccccgttgtc	240

ctgcctgata	tggccctgtc	acaccatgct	gagccgcact	atgaacccgc	cgctccagcc	300
tgccgcgagg	ccatgacatg	cgaagtgact	gtcggcggtg	ccagcctgcg	tctgtccggg	360
gatttatcac	ctgcacttct	gaaaacgctg	atccgcgaaa	ctttggaaaa	acc	413

<210> 345

<211> 1230

<212> DNA

<213> Enterobacter cloacae

<400> 345

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aagccttaca	agctggctga	tgggtggtgt	ttgtatctcc	tgattaaacc	taatggcggc	120
aaatactggc	ggctcaagta	tcgtgtagcc	ggcaaagaga	agctgttagc	gcttgggtgtg	180
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gctgggggta	tcgatcctat	ggaagcgaaa	ggggaggaga	agattgcccg	tgaaattcag	300
ttaaacaaca	ccttcaaaga	tattgccctt	gaatggcaca	gcagcaaact	aaaaaaatgg	360
tctgctggtt	atgcttcaga	catcctcgaa	gccttcaata	aagatgtgtt	cccatacatt	420
ggcaaaaaac	caatagccga	aatcaaaccg	cttgaactgt	tgaatgtgct	acggcgcatt	480
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caagtcttta	agcggattgg	ctataacgga	aaagtcaccg	ggcacggttt	ccggcacacc	1020
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cacgtcgaca	aaaactctat	acgaggaacg	tacaaccacg	cccagtatct	ggatggccgc	1140
cgcgaaatgc	tccagtggta	tgccgactat	atggaggcgt	tggaaaaacgg	cgaaaaatgta	1200
gtgcacggaa	cgtttgggaa	aagtgcctaa				1230

<210> 346

<211> 1227

<212> DNA

<213> Enterobacter cloacae

<400> 346

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aaattggggg	attatgtgga	atatcattcg	caggaaattt	tgctcgccaa	cgagcaggat	120
ctgctggaag	cgcgtcgcaa	cggtctgagc	gaagcgatgc	tcgaccgtct	ggcgtgacc	180
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cgcaccaacg	ccgcgacggg	aaatgtcatt	cagcaggcgc	tggaggagtg	tggtttaccg	480
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acgcgcttta	ccgatggcgg	ccagtttggt	ctgggcgcgg	aggtggcggg	gagcacacag	1140
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tttgggtgatg	ataccattcg	tgcgtaa				1227

<210> 347

<211> 399
 <212> DNA
 <213> Enterobacter cloacae

<400> 347
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 gccgcgaaca aagttgcggt caccatgcct tccgccaagc tgaaagtggc aattgccaac 120
 gtgctgaagg aagaaggttt tatcgaagat tttaaagttg aaggcgacac caagccggaa 180
 ctggaactta ctctcaagta ttccaggggt aaagctgttg tagaaagcat tcagcgtgtc 240
 agccgcccag gcctgcgcat ctataagaaa aaagatgagc tgccaaaagt aatggctggg 300
 cttggtatcg cagttgtttc tacctctaaa ggtgttatga ctgatcgtgc agcgcgccag 360
 gctggtcttg gtggcgaaat tatctgctac gtagcctaa 399

<210> 348
 <211> 546
 <212> DNA
 <213> Enterobacter cloacae

<400> 348
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 ctcaacaaag ctggtgaagt taaacatgca gataacgctc tgaccttcgg tccacgtgat 180
 ggtttcgtgg atggatgggc tcaggctggg accgcgcgtg ccctgctgaa ctcaatgggt 240
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 ctgccggccg gtatcactgc agaatgcccg actcagactg aaatcgtgct gaaaggcgct 420
 gataaacagc tgatcggtca gggtgcagca gatctgcgcg cctaccgtcg tctgagcct 480
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 aagtaa 546

<210> 349
 <211> 363
 <212> DNA
 <213> Enterobacter cloacae

<400> 349
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 caggtaatgt caccgaacgg ttctgaagtt ctggtagctg cttctactgt agaaaaagct 180
 atctcagaac aattgaagta taccggtaac aaagacgccg cagcagctgt aggtaaagct 240
 gtcgctgaac gcgctctgga aaaaggcatc agcaatgttt cctttgaccg ttccgggttc 300
 caatatcatg gtcgtgtcca ggcactggca gatgctgccc gtgaagctgg ccttcagttc 360
 taa 363

<210> 350
 <211> 927
 <212> DNA
 <213> Enterobacter cloacae

<400> 350
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 aaacgcagac tgctgtttgt aatcggcgcg ctgatttgtt tccgtatttg ctcttttatt 120
 ccgatccctg gtattgatgc cgctgtactt gccaaactgc ttgagcaaca gcgaggcacc 180
 atcattgaaa tgttcaacat gttctctggg ggtgctctca gccgtgcttc tatttttcgca 240
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 ccgccggcca tcgcccatc tatcgagcaa gcgcgtcaag gcgacctgca ctctctcctg 660

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ggtcaacgcc	gcattgtggg	gaactacgct	aaacgtcagc	agggtcgtcg	tgtctatgct	780
gcacagagca	cacattttacc	gctgaaagtg	aatatggcgg	gggttatccc	ggctatcttc	840
gcttccagta	ttattctgtt	cccggcaacc	atcgcgcat	ggttcggggg	cggtcttcac	900
cacacggggc	gaaaatccga	cgcatag				927

<210> 351

<211> 510

<212> DNA

<213> Enterobacter cloacae

<400> 351

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gtagtgggtg	atggcaacgg	tcgcgttggg	tttggttacg	gtaaagcgcg	tgaagttcca	180
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ccagcttccg	aaggtaccgg	tatcatcgcc	gggtggtgcaa	tgcgcgcgct	tctggaagtt	360
gctggagttc	ataacgttct	ggctaaagca	tatggttcca	ccaaccgat	caacgtggtt	420
cgtgcaacta	ttgatggcct	ggaaaaatatg	aattctccag	aaatggtcgc	tgccaagcgt	480
ggtaaatccg	ttgaagaaat	tctggggtaa				510

<210> 352

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 352

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aaacacaagg	caacgctgct	tggcctgggt	ctgcgtcgta	ttggtcatac	cgttgagcgc	120
gaggatactc	ctgctgttcg	tggtatgggtc	aacgcgggtt	acttcatggt	taaagttgag	180
gagtaa						186

<210> 353

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 353

gagatgcgtt	taaatactct	gtctccggcc	gaaggctcta	aaaaggcggg	taaacgcctg	60
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tctcgttctg	gcgggtggcg	acgtcgcggt	ttcgagggtg	gccagatgcc	actgtaccgt	180
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gtaactgttc	gtggcctgcg	tgttactaaa	ggtgctcgtg	ctgctatcga	agctgctggc	420
ggtaaaattg	aggaataa					438

<210> 354

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 354

tttcagttaa	tcaacaaact	ttctgccgcc	gcggtatcgt	ggcggcggtca	tggagtcac	60
atggcgcaaa	tcatatttaa	tagagaatgg	gttgttgagg	cagaactgac	tgcaacttac	120
ggcctgagcg	agcgacaaat	aaaagctctc	cgcatgggcc	cctggcttga	aggatatac	180
ttcaaacgcg	agtcaatgaa	aggcggagaa	accaaacgcg	gtctcctctg	gtacaactac	240
cctcgcataa	atcagttagt	gcaggagctg	ttaa			273

<210> 355

<211> 1389
 <212> DNA
 <213> Enterobacter cloacae

<400> 355
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 cagcgcagaa cgccaaaaag aatgctggcg tggatccgta aaaccatgct ggtttcgact 120
 caatggccag agattaaaaa gcagctcacc aaatggctgg atactcctcc agcgaagcgt 180
 gagccggtag atatcaatac tgagacaaaa accgacagcg gcgccacgct tggcggcgga 240
 aatcagacag accgcagccc tgatctggtc cacaacttgg caaccctccg cattgaaacc 300
 gcacttgga tcattgcggc cgccatggac tttgatattt attccatccc ggtagaaatc 360
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 actaaattac gcgtcacgcc tggatttctc gattattccc gcgcgcgtat catcgctctg 480
 atcaagagcg cgccggaaga cctttatctg cgtccagtag acctgcgcgc ttacatcaat 540
 cgtgaactgg tcgagtcaga tcacgctaag ccagatccaa aaaccgttgc taccgcatgc 600
 ggtaccgcaa ctacagagca aaatgatgat cagacccaac ctgctgaaaa ggacaaagct 660
 gatttaccag cagtgtgccc gggccgcgct gcgcagctcg acaaagaact caatgaagca 720
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 gatttgatcg ctggccggac ccgcatcatg gataaagagg aggccgaagg cgtagtgacc 960
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 aaaccgaaaa aagcagcaga accagttcct gaaaccaca ccgcggcacc actgaactac 1260
 cgccagcagc tcatccttgc cgctatgcag ggtatgtgtg ccaacccttc ctatcgctgt 1320
 gattttgagg atttaccgcg catggcgatc gaactggcgg atagcttgat caatcaggat 1380
 ggtatctga 1389

<210> 356
 <211> 1392
 <212> DNA
 <213> Enterobacter cloacae

<400> 356
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 gtacaactac cctcgcataa atcagttagt gcaggagctg taatgtcttt tcccacgggc 120
 gttgaaatcc ataacggcaa aatccgaatc tctttcacct accgcggcaa gcgttgccgc 180
 gaagtgttga aaggttgggt gaacaccctt gcaaacatca taaaggccgg aaacctgcga 240
 gcgctgatcg tcagcgaaat tcagatggga gagtttgatt attcccggcg gttccctgag 300
 tcgaaagccg ttcagaaatt tacctctacc cgcgtggcgt atacctgggg cgatctcaac 360
 gaactatggc tggccgcaa agaggaggac gtttcaagga atactatgac gcgcctgctt 420
 gccagctca gaacgataaa tcgaattgtc ggggagaata cgctgattgt agacataacc 480
 cacagcgaca tgctgcggta caggaaaagaa ctattgcggg gagagagctt ttacgcggaa 540
 ggaaacaaac ggaaaaaaac gggccgcagc gtgaacaccg ttaacgacta tatatcggtt 600
 gtctgccaga tgctgcgctt cgctcaccgc agccggttca ttaccgagaa gcctttcgag 660
 cacatcacca aactgcacaa agaccggaaa aagcctgacc cgttgacagc ggatgaatac 720
 gccaccatga tgctggcgat caacggccag gatagaaatt tatggcaatt cgcgatgaac 780
 gccgggcccgc gccacggcga gcttgctgct ctgccttggg atgacgtcga tcttgaatca 840
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 aaagccggtg accgggtgat caccctgctc gcccggcgc tcgatgctct acgtgcgcaa 960
 tatgactga ctggccatct gccagaaacg gagatcgttc agcatttcag ggagtacggc 1020
 aaaacggaga ttcagaaaca tcgatttgtt tttttaccgc ggttgaagac aaaaaatccc 1080
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 gcaggcgcga acccgtcggt catcgccagc cagctcgggc acgaagatgc ggaaatggtg 1260
 taccgggtgt actcagcatg gatcaagag ttcgatgggg aacaggtaga gctgcttaac 1320
 cagagattag ggtttgcccc caatacgccc cctgaaggga aaatcataaa aataaatgag 1380
 ttgaatcagt aa 1392

<210> 357
 <211> 522
 <212> DNA
 <213> Enterobacter cloacae

<400> 357
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 ggttggttta tgagtgcgaa taccgaagct caaggagcg ggcgcggcct ggaagcgatg 120
 aaatgggtag ttgtagccgt gctgctgatt gtggcgattg tcggcaacta tctttatcgt 180
 gacatgatgc tgccgctacg cgcgcttgca gtggtaattc tgattgctgc ggcgggtggt 240
 gtcgcgctgt tgacgacgaa aggcaaacgc accgttgctg ttgcccgcga agcgcgtacc 300
 gaagtcgcga aggtcatttg gccgactcgc caggaaacat tgcacaccac gctgattgta 360
 gcggcgggtga accgctgtaa tgtcactgat cctgtgggga ctggatggta ttctggttcg 420
 cctggtatcc tttatcactg gcctgagggt ctgagatgtc tgaagccctc aaaaagcgcg 480
 ggtacgtcgt tcaggcggtt tccggttttg aaggccgcgt ag 522

<210> 358
 <211> 1221
 <212> DNA
 <213> Enterobacter cloacae

<400> 358
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 acaaaaccgc acgttaacgt cggtaactat ggccacgttg accatggtaa aacaacgctg 120
 accgctgcaa tcaactaccgt actggctaaa acctacggcg gtgctgctcg tgctttcgat 180
 cagatcgata acgcaccaga agaaaaagct cgtggatatca ccatcaacac ttctcacgtt 240
 gagtatgaca ccccgactcg ccaactacgca cacgtagact gcccaggcca cgcgcgactat 300
 gttaaaaaaca tgatcaccgg tgctgcgcag atggacggcg cgatcctggt tgttgctgcg 360
 actgacggcc ctatgcctca gactcgtgag cacatcctgc tgggtcgtca ggtaggcgtt 420
 ccttacatca tcgtgttctc gaacaagtgc gacatggttg atgacgaaga gctgctggaa 480
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 ccaatcgttc tggtttccgc gctgaaaagcg ctggaaggcg aagcagagtg ggaagagaaa 600
 atcatcgaac tggttggtta cctggattct tacatcccag aaccagagcg tgcgattgac 660
 aagccattcc tgctgccaat cgaagacgta ttctccatct ccggtcgtgg taccgttggt 720
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 aaagagactg cgaagtctac ctgtactggc gttgaaatgt tccgcaaact gctggatgaa 840
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 gagatggtaa tgccaggcga caacatcaag atggttgta ctctgatcca cccaatcgcg 1140
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 gttgctaaag ttctcggcta a 1221

<210> 359
 <211> 555
 <212> DNA
 <213> Enterobacter cloacae

<400> 359
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 tttgaaggcc gcgtagctac gtcgctgcgt gagcatatca aattacacaa tatggaagag 120
 ttatttgccg aagttatggt tccgaccgaa gaagtgggtg agatccgtgg cggccaacgt 180
 cgcaaaagcg aacgtaaatt cttcccgggt tacgtgctgg ttcagatggt gatgaacgac 240
 gcgagctggc acctggtgcg cagcgtaacca cgcgtgatgg gctttatcgg cggcacatct 300
 gaccgtccgg cgccaatcag cgacaaagaa gttgatgcga ttatgaaccg cctccagcag 360
 gtgggtgaca aaccgcgtcc gaaaacgctg tttgaaccgg gtgagatggt tcgtgttaac 420
 gacggtccgt ttgctgactt taatggcgct gtcgaagaag tggactacga gaagtcggc 480
 ctgaaagtgt ccgtttctat ctttggtcgt gcgaccccg tagagctgga ctttgctcag 540
 gtagaaaaag cctaa 555

<210> 360
 <211> 309
 <212> DNA
 <213> Enterobacter cloacae

<400> 360
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 atggtaacta ttcgttttagc acgtcacggc gctaaaaagc gtccgttcta ccagggtgtt 120
 gtgactgaca gccgtaatgc acgcaacggc cgcttcacgc agcgcggttg ttttttcaac 180
 ccactggccg ctggcgcgaga agaagaaacc cgtctggatc tggatcgtat cgctcactgg 240
 gttggccagg gcgttactgt ttccgatcgc gttgctacgc tgatcaaagc agcaaacaaa 300
 gcagcttaa 309

<210> 361
 <211> 555
 <212> DNA
 <213> Enterobacter cloacae

<400> 361
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 atgggttctt gctacgggat ccgtggttgg ctacagagtgt ttctctccac tgaagacgct 120
 gatagcattt ttgattacca gccctggttt atccagaaag ccggttaagt ggaagaggct 180
 gagctggaaa gctggcgta ccacaatcag gacatcatca tcaagctgaa aggcattgac 240
 gatcgtgatg ccgcgaatgc gctgactaat tgtgagattg tcgtggattc gtcgcagttg 300
 ccgcagctgg aagaggggtga ctactactgg aaagacctta tgggttgcca ggtagtgacc 360
 actgaaggct acagcctggg gaaagtcac gacatgatgg aaaccgggtc aaatgacgtt 420
 ctgcgtcatta aggcaaacc gaaagatgca tttggcatca aggagcgggt gggtccgttc 480
 ctcgatggac aggttatcaa gaaagtcgat ctactactc aaaccattga agtagattgg 540
 gatcctggtt tttaa 555

<210> 362
 <211> 441
 <212> DNA
 <213> Enterobacter cloacae

<400> 362
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 ctgcgccgtc gtaccgagct ggacgttgaa aaggcgacac aatttgcgct ggagaaattc 120
 gtcaacgaac tgcttccggg gatcgacagc ctggatcgcg cgctggaagt ggcggataaa 180
 gctaaccggg ataacgcggc gatgattgaa ggcattgagc tgacgctgaa atccatgctg 240
 gatgtggtgc gtaagtctcg tgttgaaagt attgccgata cggatgtacc gctggatcca 300
 aacgttcacc aggccattgc gatggtggaa tccgaagacg ttgccgcggg taacgtgctg 360
 ggcgtgatgc agaaagggtg taccctgaac ggtcgtacta ttcgcgctgc gatggtgacc 420
 gtggcgaaag cgaaagcgta a 441

<210> 363
 <211> 1389
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(301)

<220>
 <221>unsure
 <222>(314)

<400> 363
 cgttttctacc ccaggcgaga gacaatgttt gataatttaa ccgatcgttt gtcgcgcacg 60
 ctgcgcaaca tcagcgcccg tggacgcctc accgaagaga acatcaagga aacgctgcgc 120

gaagtgcgca	tggcgctgct	ggaagcagac	gtcgcgttgc	cggtcgtgcg	tgactttatc	180
aaccgcgtga	aagagaaagc	ggttggccat	gaagtgaaca	agagcctgac	tccgggtcag	240
gagttcgtca	aaatcgctccg	gaacgagctg	ttttcggcga	tgggcgaaga	gaaccagggtg	300
nttaacctgg	cggntcagcc	gccagccgtc	gtgctgatgg	cgggtctgca	aggtgcgggt	360
aaaaccacca	gcgtcggtaa	gctggggaaa	ttcctgcgcg	aaaagcacia	gaaaaagggtg	420
ctggtggtgt	cggcggacgt	gtatcgcccc	gcggcgatca	aacagctgga	aacgctggcc	480
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ggtcgactgc	acgttgacga	agcgatgatg	gacgaaatca	agcaggttca	tgccctctatc	660
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gcaaaagcgt	ttaacgaagc	cctgccgtta	accggcgtgg	tgctgaccaa	agtcgacggc	780
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ctcggcgctg	gcgagaaaac	cgaagcgctg	gagccgttcc	atccggatcg	tattgcctcc	900
cgtatcctcg	gcatggcgca	cgtgctgtcg	ctgatcgaag	atattgaaag	caagggttgac	960
cgcgccccagg	cggaaaaact	cgcagcaag	ctgaaaaaag	gtgacggttt	cgatctgacc	1020
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aaactgcctg	gcatgggcca	gatcccggac	aacgtcaa	cccagatgga	tgacaaagt	1140
ctggtgctga	tggaggccat	catcaactcg	atgacgctga	aagagcgcg	gaagccagaa	1200
atcatcaaag	gttcccgtaa	acgccgtatc	gctgccggtt	gcggcatgca	tgtgcaggac	1260
gtaaaccgcc	ttctgaaaca	gttcgacgac	atgcagcgca	tgatgaggaa	aatgaagaaa	1320
gccggcatgg	ccgaagatga	tgcgcggcac	gaaaagcatg	atgccgcccc	gttttccctg	1380
ggcgaataa						1389

<210> 364

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 364

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gcgattaccg	attacggggg	aactggccgg	gcagtaaaga	atggcctgct	gagcatccag	120
agctggagtc	ctcgtgactt	cacgcacgac	ggcaccgta	ccgtggacga	tcgtccttac	180
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gatcaagcgg	gcgtgagcga	actggcgacg	aatcaaaaac	tgattctggt	ctgtggctgc	360
tacgaaggaa	tagatgagcg	cgtaattcaa	accgagattg	acgaagaatg	gtctatcggc	420
gattacgttc	tcagcgggtg	tgagttaccg	gcaatgacgc	tgattgactc	cgtcgcccgg	480
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cgaacctggc	ttagaagacc	tgaacttctg	gaaaacctgg	ctctgactga	agagcaagca	720
aagttgctgg	ccgagttcaa	aactgaacac	gcgcaccagc	agcatgaaca	tgatgggaaa	780
gcgtaa						786

<210> 365

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 365

catgaaggcg	cctttgttgt	tatgcaacgg	ttggagcagg	cgtcacgtaa	cgttatactg	60
cttctctttc	ttattaagac	aactgtcgac	gcctatatgc	ctgttttcgc	actgatcgcc	120
cttggtgcct	actctgtcag	cctcgcgctg	atcattcctg	gcctgctgca	aaaaaacagc	180
ggctggcggc	gcatggctat	tctttcggca	gtgatcgcac	tgattagcca	cgcctttgcg	240
ctggaatcac	gcattatccc	cggcgacggc	agcgtgcaaa	atctgagcgt	actgaacgtc	300
ggctcgctgg	tcagcctgat	gatctgtacg	gtcatgacca	ttgtcgcgtc	taaaaaccgt	360
ggctggctgc	tgctgccgat	agtctacgcc	tttgcgctga	tcaatctggc	gttagccacg	420
ttcatgcccc	atgagtttat	tactcacctg	gaagccacgc	cggggatgct	ggtgcatatc	480
ggcctgtcgc	tctttgccta	cgcgacgctg	atcatcgccg	ccctttacgc	catgcagctc	540
gcctggattg	actaccagct	gaaaaataaa	aagctggcgt	ttaaccacga	aatgccgcgc	600
ctgatggtga	ttgagcgtaa	gatgtttccac	atcaccacag	tcggcggtgt	gctgctgacg	660

ctcacgctct	gcaccgggct	gttttacatg	aagaacctgt	tcagcgtgga	gaatatcgat	720
aaagcgggtgc	tctccatcat	cgcggtggtt	gtctatatgt	tcctgttatg	gggccattat	780
catgaaggct	ggcgcggtcg	ccgcgtggtc	tggttcaacg	ttgcgggtgc	gggcattctc	840
acgcttgcct	attttggtag	ccgcttcata	cagcaatttg	ctggctaa		888

<210> 366

<211> 1302

<212> DNA

<213> Enterobacter cloacae

<400> 366

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atggtggtca	tctccgctta	tttctctggc	tctgaaaccg	gcatgatgac	gctgaaccgc	120
taccggttac	gtcatcgcg	caagcagggt	aaccgtgccg	cgcgctgtgt	cgaaaagctt	180
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atcgcgcg	tttaccgga	aaaagtgcgc	taccgagca	gcttcctgtt	agcaccgctg	420
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atggtcggta	taaaggcaga	cgtcaccatc	agtagcgcg	tcagcaaaga	cgaactgcgt	540
accatcgta	acgaatccc	ctcgagatc	tcccgcgcga	atcaggacat	gctcctgtcg	600
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gggattgata	tcaacgacga	ctggaaggcc	attgtccg	agctgacgca	ctccccgcac	720
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cagcgaaaaca	agaagaaagt	cggcctgggtg	gtggatgaat	acggcgacat	acaggggctg	960
gtgacggctg	aagatattct	ggaagagatt	gtcggggact	ttaccacctc	gatgtcgctc	1020
tcccttgccg	aagaagtcac	cccgcaaaac	gacgggtcag	tgcttatcga	cggcagcgct	1080
aacattcggt	aaatcaataa	agcggttcaac	tggcatttgc	cggaagacga	agcgcgagcg	1140
atgaacggaa	tgatcctgga	agcgctggaa	gagatcccg	cgacaggcac	gcgcgtgcgt	1200
attgagcagt	atgatattga	tattctggac	gttcaggaca	acatgattaa	gcagggttaag	1260
gtcctgcccg	ttaaaccctt	acgcgaaagt	atcgccgagt	aa		1302

<210> 367

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 367

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caccacatgg	ctgtagcgaa	aaagatcacc	atcaacgatg	tcgcgctggc	ggcgggggtt	120
tccgtcagca	ccgtttcgct	ggtattaagc	gggaaggggc	gcatctctcc	tgcaacgggt	180
cagcgcgta	acgaggccgt	tgagcagttg	ggctttgtgc	gtaatcgcca	ggcgctggcg	240
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tatgcagaac	tgaccgccgg	gctgaccgag	gcgcttgaag	cgcagggggc	aatggttttc	360
ctgctccacg	gtgggcgcga	accggagcaa	ctgctctcca	ggctagattt	gctgctgacg	420
caaggggtgg	atggggtgat	cgtggccggc	gcgtccggcg	tgggcagtga	attgtgtgag	480
cgcgcgcgaa	agaaaaggcgt	accgctgggtg	tttgctcgc	gcgccagcta	tctcgacgaa	540
gccgataccc	ttcgccaga	taacatgcag	gccgcgcaaa	tgctgaccga	gcatcttatt	600
catcgcggcc	atcagcgcat	cgcttggtc	ggcggtaaaa	gctcgctcct	gacgcgtgcc	660
gagcggtgg	gcggttactg	ctccacgctc	atcaaatatg	gcctgccgtt	tcacagcgaa	720
tggttggtgg	agtgtgaatc	cagccagaaa	aaagccgcgg	aagccatcgg	cacgctgctt	780
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tggttcggtt	tgatccgcgc	cggacgccag	agcggtgagg	gcggggtaga	aacgttcttc	900
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cccatcgctc	gggcgacgac	gccggctcgt	gaaatggggt	acaccctggc	agaacgaatt	1020
atgcagcgca	ttgaaaatac	tgacgtgcag	gccgggcac	aaattgtggc	tgcgcgctta	1080
ttgaccgtga	aataa					1095

<210> 368

<211> 693
 <212> DNA
 <213> Enterobacter cloacae

<400> 368
 atctctttct accctttaag gagtcgtttt atgacgacga aagcagcaca aaaaatatcg 60
 ctgtgggagt ttttccagca actgggtaaa acctttatgc tgcccgtggc gcttctctct 120
 ttttgcgga ttatgctggg gatcggcagc tcgttaagca gtcacgacgt cattaccctg 180
 atccctttcc tgggaaatcc ggtacttcag gcgatcttca tctggatgag caaggtcggg 240
 tcgtttgcct ttagcttcct gccggtaatg ttctgtatcg ccattcctct gggctctggcg 300
 cgcgaaaaca aaggcgtggc ggcgtttgcg ggcttcgttg gctatgcggc catgaacctt 360
 gcggttaact tctggctgac cgccaaaggg atcctgccga cgaccgacgc ggcggtagt 420
 aaagccaata acattcagag cgtgattggg attcagtcga tcgataccgg gatccttgga 480
 gccgtgatcg cgggggtgat tatctggatg ctgcacgagc gcttccacaa catccgcctg 540
 cccgatgcgc tggccttctt cggcgggacc cgctttgtgc caatcattac gctggttgtg 600
 atgggtctgt ttggtctgat catccctctg atttgccga tttttgccat gggggatcac 660
 cgggattggc cgcattatca acggcgcggg tga 693

<210> 369
 <211> 603
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (493)

<400> 369
 gggggtttta ctttacggag caccgtcatg tttgattttt caaccgtcgt ggatcgacac 60
 ggcacctggg gtaccagtg ggattatgtc gctgaccgtt ttggcgctgc cgacctgtg 120
 cccttcacca tctctgatat ggatttcgcc accgccccct gcattaccga tgcgctgcac 180
 cagcgaataa accacggggg gtttggttac agtcgctgga aaaatgacga atttctggcc 240
 gccgtggcgc actggttcgc gcaacgcttt aacagtcaga ttgataccga aaccgtggtg 300
 tatgggcccgt cggctcattta tatggtctcg gagctgatcc gcctctgggc ctgcctggc 360
 gacggcgtgg tggctccatac tccggcttac gatgcctttt ataaagccat cgaaggcaac 420
 cagcgtaccg ttgtttccgt gccgatgcaa aaaacagcgc atggctggga aggggatatg 480
 gcctcgctgg aancggcgct atcaaaaccg gaaaacaagg tggtgctgct gtgttacccc 540
 caaaaccgca ccggaataat ctggactcgg gaggcgctga acacaatggg gggccctgtt 600
 tga 603

<210> 370
 <211> 993
 <212> DNA
 <213> Enterobacter cloacae

<400> 370
 tttggccgat ttttgccatg ggggatcacc gggattggcc gcattatcaa cggcgcgggt 60
 gatttcggcc cgatgatttt cggtacgggt gaacgtctgc tgctaccgtt tgggttacag 120
 cacatcctgg ttgccctgat ccgctttacg gaagcaggcg gcaccatgga cgtttgctgt 180
 cattccgtta gcggcgcgct gaccatcttc caggcccagc tgagctgccc gaccactcac 240
 ggcttctctg aaagtgcgac gcgtttcctt tctcagggtg aaatgcctgc cttcctcggc 300
 ggcctgccgg gtgctgcgct ggcgatgtac cactgtgccc gtccggaaaa tcgtcataaa 360
 attaaaggct tgctgatctc cggcgattat gcctgcgtgg tgggcggtac gacagaacct 420
 atcgagttcc tgttcctgtt cgtggcaccg gtactgtacc tcatccacgc cgtactgacg 480
 ggcctgggct ttaccgtgat ggctgtgctc ggtgtgacca tcggtaaacac cgacggtaac 540
 gtgattgact tcgtggtatt cggtatcctg cacggcctgt ccaccaagtg gtatctggtg 600
 ccggttggtg ccgccatctg gttcgcgggt tactacggga tcttcgcgtt cgccatcacc 660
 cgcttcaacc tgaaaacgcc ttggccgcgt accgatcgg ccaccagcgt tgaacagcg 720
 gtggccggta ccggtgggaa atccggatat aacacgccgg ctattctggc ggcgctgggc 780
 ggtgcggata atattacctc tctggataac tgcatcacc gcctgcgttt gtcggtggcg 840
 gacatgtcca aagtggatac caacgcactt aaagctaacc gggctattgg cgtagtagac 900

ttaaatcagc	acaattttgca	ggtcgctcatt	ggccccgagg	tacagtcagt	gaaggatgag	960
ctggcaaccc	tgatgcgaac	cgtcgaagcc	tga			993

<210> 371
 <211> 1035
 <212> DNA
 <213> Enterobacter cloacae

<400> 371						
ctgtcagcca	ggggaggaac	catgacacag	ccattggccg	gaaaacatat	tttgatagta	60
gaagacgagc	ccgtttttccg	atcgctactg	gattcgtggt	tatcctcact	gggtgcaacc	120
acgtcccttg	ccgaagatgg	cgtcgaggca	ctggaaaaaa	tggccagcat	ggcgccggat	180
ctgatgatct	gcgatctcga	gatgccgcgc	atggacggat	taatgctggt	agaaaacctg	240
cgtaatgaag	gttatcagac	accgatactg	gtgatctcgg	ccaccgaaaa	tatggcggat	300
attgctaagg	cgttgcggtt	aggtgtgcag	gatattctgc	tcaaaccggg	taaagatttg	360
aaccgtctgc	gtgaaacggg	gttggcctgc	ctgtatccca	atatgtttta	ttcccgggtg	420
gaagaagaag	aacgtctttt	ccaggactgg	gatgcttttag	tcagtaatcc	tctcgcggcc	480
gcgaagctgc	ttcaggaact	tcagccgcgc	gtgcagcaaa	atatctctca	ttgcagagta	540
aattatcgcc	agctggtagc	ggctgaccag	cctggactgg	tgctggatat	tgcgccgctc	600
tcggattccg	acctcgcttt	ttattgcctg	gatgttaccc	gagcgggaga	taacggcggt	660
ctggcggcct	tattactccg	ggcgctgttt	aatggattgc	tacaggaaca	attatcccct	720
caggggcaac	gacttccctga	gctaggcagt	ttactaaaac	aggtcaacca	actttttcgc	780
caggccaatt	taccggggca	gttcccgcct	ctggttggtc	attatcacag	cgggttgaat	840
aaccttattc	tgggtgtctgc	gggattaaat	gccacactga	atactggcga	acaccatatt	900
caggtgagta	acggcggtgc	gttgggtacg	ctgggaaata	cttaccttaa	tcaaatttagc	960
catcgctgca	cctcctggca	gtgccaaatt	tggggtgccg	gagggcggtt	acgcttaatg	1020
ttgtccacgg	agtaa					1035

<210> 372
 <211> 954
 <212> DNA
 <213> Enterobacter cloacae

<400> 372						
gcaggtgcgt	tgacgctatg	tcgggaatcc	aggggaagta	aaacagggct	aatgagaaaag	60
gtaaaaattg	gactggcggt	gggctcaggt	gctgcccggg	gttgggcaca	tattggcggt	120
atcaatacct	taaaccagat	ggggattgac	gttgatattg	ttgcaggatg	ttctatcggg	180
tcgctggtcg	gatctgcgta	cgccgtcggt	aagctcccgg	agcttgaaaag	ctgggtgcgc	240
tccttcagtt	actgggatgt	gctgcgcctg	atggatctct	cctggcagcg	tggcggcctg	300
ctgcgcggcg	aacgcgtgtt	caatcagttt	cgcaagataa	tgccctcgcg	tgacttcagc	360
cactgccaaa	tgccctttcg	ggccgttgca	accaacctca	gtacgggcag	ggagttatgg	420
ctcaccgaag	gggatattca	tctcgccgtt	cgtgcacctt	gtagtatgcc	tgggttaatg	480
gcgcctgtgc	ctcacaacgg	ctactggctc	gttgacgggtg	gcgtagtga	tctgtccct	540
gtctctctga	cgcgcgccat	gggggcggat	atcgttattg	ccgtggattt	acagcacgat	600
gtcacctca	tgcagcaaga	tttgatgccg	gttaatcttc	agagcgatga	tgcggaagaa	660
gagaaacttg	cctggcatgc	tcgattacgc	ggcagaatag	ggcgccctgg	tgcccgctgc	720
gcggtgaccg	caccgaacgc	cattgaaatc	atgacgacct	ctattcaa	tcttgagaat	780
gcctcaagc	gaaaccgtat	ggctggcgat	cctccggata	ttcttattca	accctattgt	840
ccacaaatct	ctacccttga	ttccaccgg	gctgaggccg	ccatagcagc	gggctcgtaa	900
gccgtcgaaa	agaaaataga	tgaactgttg	ccttttgtgc	gtacagcacg	ttga	954

<210> 373
 <211> 840
 <212> DNA
 <213> Enterobacter cloacae

<400> 373						
tggtgtccac	ggagtaagca	gtcagatttt	atttttcaga	ttgctttacc	tgtgtttttg	60
ctggcagtg	tactatcgct	gcaagtttca	tgcgtatttg	tattaattga	tcggcaacgc	120
gttcttttca	gaccggtatt	agtggctgag	actgtatact	caacgcgtta	ttcaatgcat	180
aaaagttaa	aacttgaaca	gttcaggaga	atttcaatgg	ctgcccttaa	ttcgaaagtc	240

agaaaggccg	ttatcccggg	ggcgggattg	ggtaccagga	tgttgccagc	gacgaaggca	300
atcccaaaag	agatgctgcc	tctggttgat	aagccattaa	tccagtatgt	cgtgaatgaa	360
tgtattgcag	caggtatcac	cgaaattgtg	ctggtgacgc	attcatctaa	aaactctatc	420
gaaaaccatt	tcgataccag	tttcgaactc	gaagcaatgc	tggaaaaacg	cgttaagcgc	480
cagctgctgg	aggaagtgca	gtctatttgt	cctccacacg	ttaccattat	gcaggttcgt	540
cagggcctgg	cgaagggcct	ggggcatgca	gtattgtgcg	cacatcctgt	agtgggtgat	600
gagccggtcg	cggttattct	gcctgatgtg	atccttgatg	agtacgagtc	cgatctttcc	660
caggaaaacc	tggcggaat	gattaaacgc	ttcgacgaaa	ccggcagcag	ccagattatg	720
gttgagccag	tcgacgacgt	gaccgcttac	ggcgtgggtg	actgcaaagg	cgttgacctg	780
caacctggcg	aaagcgtacc	gatcgttgtc	ttcaccacgg	gagctgacgg	agccggataa	840

<210> 374

<211> 891

<212> DNA

<213> Enterobacter cloacae

<400> 374

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caacgtaaag	ttctgcgcac	tatctgtccc	gatcaaaaag	ggctgatcgc	acgaattacc	120
aacatttgct	acaagcatga	actgaatatc	gtgcagaaca	acgagttcgt	tgaccaccgt	180
accggtcgct	tctttatgcg	taccgaactg	gaaggcattt	tcaacgacac	aaccctgctt	240
gccgatctgg	acagcgccct	gccggaaggc	tcggtgcgcg	agctgaacct	ggcgggcccgt	300
cgcggtattg	tcattctggg	caccaaagag	gcgcactgcc	tgggcgatct	gctgatgaaa	360
gccaaactacg	gtggcttgga	cgtcgaaaatt	gccgccgtca	ttggcaacca	cgagacgctg	420
cgtacgctgg	tagaacgttt	cgacattccg	tttgagctgg	tcagtcacga	aggccatacc	480
cgtgaagagc	acgacaacct	gatggctgct	gcgattgaag	cgcataacct	ggactacgtg	540
gtgctggcga	aatatatgcg	cgtgctgacg	ccatccttcg	tggcgcgctt	cccgaacaag	600
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gcatacgagc	gtggggtgaa	aatcattggc	gcaaccgcgc	actacgtgaa	tgataatctg	720
gatgaaggcc	caatcatcat	gcaggacgtg	attcacgtgg	atcacaccta	cacggcagaa	780
gatatgatgc	gtgccggccg	tgacgttgag	aagaacgtac	taagccgtgc	gctgtatcag	840
gtacttgccc	agcgcgtctt	tgtgtacggc	aacagaacga	ttattcttta	a	891

<210> 375

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 375

cgccttattt	tttgttccag	gaagagaatc	gtgtctcaac	tctgcccctg	tggtagcgct	60
ctggagtata	gcctatggtg	ccagcgatat	ctttctggca	agcaggttgc	accagacccg	120
tcacacctta	tgcgctcgcg	gtatactgct	tttgtgatca	aaaacgcaga	ctacctgatt	180
aagacctggc	atccgtcctg	ccatgctgcc	gattttcgcc	aagagattga	agccggattt	240
gccaacaccg	tctggcaggg	cctcaccgtc	tttgaagccg	ctcccggccg	cgatgccaac	300
gagggctatg	tcagttttgt	cgccccgttt	agcgaacaaa	acaaacccgg	cgccatcatt	360
gaacgctcac	ggttcttaaa	ggacagcggg	caatggtatt	atattgacgg	cacacgtccg	420
caattcggtc	gtaacgatcc	ctgcccctgt	ggttcaggaa	aaaaatttaa	aaagtgttgc	480
ggcagtaatg	cctga					495

<210> 376

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 376

ggctacacac	gtgctacaat	ggcgcataca	aagagaagcg	acctcgcgag	agcaagcgga	60
cctcataaag	tgcgtcgtag	tccggattgg	agtctgcaac	tcgactccat	gaagtcggaa	120
tcgctagtaa	tcgtggatca	gaatgccacg	gtgaatacgt	tcccgggcct	tgtacacacc	180
gcccgtcaca	ccatgggagt	gggttgcaaa	agaagtaggt	ag		222

<210> 377

<211> 189
 <212> DNA
 <213> Enterobacter cloacae

<400> 377
 gagtctggac cgtgtctcag ttccagtgtg gctggtcatc ctctcagacc agctagggat 60
 cgtcgcctag gtgagccgtt accccaccta ctagctaate ccattctgggc acatccgatg 120
 gcaagaggcc cgaaggtccc cctcttttgt cttgcgacgt tatgcggtat tagctaccgt 180
 ttccagttag 189

<210> 378
 <211> 645
 <212> DNA
 <213> Enterobacter cloacae

<400> 378
 gtttctcaac aggtatccac cgtgctcaat aaactctctc gtctgctgga acaggcaggat 60
 atttcgctca ccgatcacca gaaaaatcag ctggtggcct atgtcgatat gctgaacaaa 120
 tggaaataaag cgtacaacct cacctccgta cgcgatccca acgagatgct gattcggcat 180
 attctcgata gcatcgctgt ggcgccgtat ctgaacgggt aacgttttat cgatgtgggc 240
 accggtccgg gcttgccggg cgttccgttg tctattgttc gaccggagag tcatttcacg 300
 ctgctggaca gcctgggcaa gcgcgtacgc tttttacgcc aggttcagca tgagctgaag 360
 ctggaaaaaca ttacgccctg acagagcagg gtagaggagt tcccggcaga gccaccgttt 420
 gacggtgtta tcagccgcgc gtttgccctca ctcaatgaca tggtagagctg gtgcaaacac 480
 ctgccagcgg agaaggggcg tttttatgcg ctgaaagggc aacttccggg ggacgaaatc 540
 gagcagcttc cggacgggtt tgctgtcgaa tccattgaga aactccagat cctcagctc 600
 gaaggtgagc gtcattctggt gataattaag ccaaacactt tttaa 645

<210> 379
 <211> 411
 <212> DNA
 <213> Enterobacter cloacae

<400> 379
 caaagggtaa aaggcatcat ggcttcagaa aatatgacgc cgcaggatta catagggtcac 60
 catctgaata accttcagct ggacctgcgt acattctcgc tggtaggatcc acataacccc 120
 ccggccacct tctggacgat caacatcgac tccatgttct tctcgggtgt tttgggtcct 180
 ctgttccttg ccatgttccg tagcgttgct aaaaaggcga ccagcgggtgt tccagggaaa 240
 ttccagacgt tcatcgagat gatcatcgcg ttcgtccatg gcagcgtgaa agaactttac 300
 catggttaaga gcaaactgat tgctccgctg gccctgaacg tgttcgtttg ggtcttcctg 360
 atgaccctga tggacctcct gcctatccat ttcttacctt gggatcggtg a 411

<210> 380
 <211> 1947
 <212> DNA
 <213> Enterobacter cloacae

<400> 380
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 ttttatcagg atccttttga cgtcatcatc attggcgggg gtcacgcagg cactgaggcc 120
 gcaatggccg cagcgcgaat gggtcagcag accctgcttt tgacacacaa tatcgacacg 180
 ctgggacaaa tgtcctgtaa tccggcgatt ggcggcattg ggaaaggaca cctggtaaaa 240
 gaagtggatg cacttggcgg cctgatggcg aaagcgatcg atcatgcggg tattcagttt 300
 aggatactaa acgcgagtaa aggtccggct gttcgcgcga cccgtgcaca ggagaccgt 360
 gtgctttacc gtcaggctgt gcgcaccgcg ctggaaaacc aaccgaacct gatgatcttc 420
 cagcaggcgg tagaagatct tatcgtggag aacgatcgtg ttgttggcgc cgtgacccaa 480
 atgggtctca aattccgcgc aaaagcgggt gtgctgacgg tcgggacatt cctggacggt 540
 aaaatccata ttggtctgga caattacagc ggtggtcgtg ctggcgatcc gccgtcaatt 600
 ccgttatctc gtcgtctgcg tgagctgccg ctgcgcgtaa gccgcctgaa aaccggcacg 660
 ccgccgcgta ttgatgcgcg caccattgat ttcagcgtgc tggcacagca gcacggcgat 720
 aacccgatgc cgggtgttctc gttcatgggc aatgcggcgc aacatccgca gcaggtgccg 780

tgctacatca	cgcacaccaa	tgaaaaaacc	catgacgtga	tccgcaataa	tctcgatcgc	840
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gacaaagtga	tgcgctttgc	cgatcgtaat	cagcaccaga	tcttctctga	accggaagg	960
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atgcagattg	tgcgttcaat	gcagggcattg	gaaaacgcga	agatcgttcg	tcctggctac	1080
gctattgagt	acgattttctt	cgatccgcgt	gacctgaagc	cgacgctgga	aagcaaattc	1140
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cgctgggcgc	gcttcaacga	gaagctggag	cgattgaac	aggaacgtca	gcgcctgaaa	1500
accacctggg	tgaatccgca	ggcggaaact	gctgctgaag	tgaatgctca	cttaacagca	1560
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ctttccaacg	aagtgatcgc	taagctgaac	gatcacaac	ctgtgtcgat	tggccaggcc	1860
tcacgtatct	ctggcgtcac	acctgccgcg	atttcgattc	tgctgggtgtg	gctgaaaaag	1920
cagggcattgc	tgccgcgtag	cgcgtaa				1947

<210> 381

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 381

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aggagtaaaa	acgtgatgtc	tgtgtcgctc	ttgagtagaa	acgttgctcg	taagcttctg	120
ttcattcagt	ttctggctgt	gatagcaagt	ggactgctgt	ttagcctcaa	agacccttc	180
tggggcatct	ccgcgcgctg	cggaggtttg	cggtggttc	tgccaaacgt	gttggtttatg	240
atttttgcct	ggcgatcatc	ggcgcataca	cctgccaaag	gccgcgtggc	ctggctcctt	300
gctctcggcg	aagtgtgtaa	ggtgttgctg	acctttgctc	tactggtgat	ggcgctggcg	360
gttttgaaag	tggatttcac	gccgctgata	gcaacgtggg	ttttggtgct	ggtggtacaa	420
gttctggctc	cagctgtaat	caataacaaa	gggtaa			456

<210> 382

<211> 768

<212> DNA

<213> Enterobacter cloacae

<400> 382

cgtataccat	ttcctacctg	taataatgat	tattcaggct	ctgttttcgc	agagcctgta	60
tttaagggtg	caatcatgct	caacgcaatt	ttgctggcag	gcttactgct	aagcaccggt	120
cactcatggg	ccaatattgt	cattaatggc	accggtgtcc	tttatcctga	aaataacaaa	180
gagggtgatc	tccagttaat	gaatacgggc	gatgcgcccg	ctctggtgca	atcctggata	240
gatgacgggt	atattaattc	cacgccggaa	acagccaatg	tgccgttttt	gctgtcgccg	300
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aatatttcgc	tgggtaaaac	gaaattgctc	caggagtccc	ctatggtttc	cccgtttggg	660
caactgacgg	tcgccgcaaa	aaatacgggt	aagcgcgagc	agaccttcca	gctgatgtat	720
gtggacgatc	ttggcgcgta	taaaaccccg	actttcacca	gtcagtga		768

<210> 383

<211> 2508

<212> DNA

<213> Enterobacter cloacae

<400> 383

tgcgaaagac	tcaccatgaa	aatgaaacaa	aacagactct	gtctgctggc	agtctgcacg	60
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tccggtgagt	ccgatctgtc	tcgcttttcc	gaaaacaacg	ccatgcctgc	cggcagtcag	180
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<210> 384

<211> 1080

<212> DNA

<213> *Enterobacter cloacae*

<400> 384

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<210> 385

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 385

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gagctgcatt	acgggctggt	aaaaaaagtt	ctggagatga	aatttgaatt	aaccatcagt	180
cagcaggatg	aattgactga	actgaaaaag	gaattacccg	cgttgctcat	ggcggacggg	240
caaaaaccgt	cgatctattc	gtggctcagg	cgggtaatgc	gggtccggctc	ccgggcgcgc	300
tccatcctct	cggccagaga	gtgggaggtg	cttcatctta	ttgtggaagg	attttcaacg	360
acggagattg	cccgtcatcg	aaaccgttcg	gtcagtacca	ttgcgacgca	gaagcataat	420
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<210> 386

<211> 1545

<212> DNA

<213> Enterobacter cloacae

<400> 386

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ctggtgattg	ccggggaagc	ggccggttcg	aagctggcaa	aagcgcagga	gcttggcatc	1500
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<210> 387

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 387

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aaactgcgtg	gcgataacat	ccccgcccg	ctggaattgc	gcggggaagt	gttccttccg	540
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taa						603

<210> 388

<211> 951

<212> DNA

<213> Enterobacter cloacae

<400> 388

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<210> 389

<211> 1020

<212> DNA

<213> Enterobacter cloacae

<400> 389

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<210> 390
 <211> 1587
 <212> DNA
 <213> Enterobacter cloacae

<400> 390
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<210> 391
 <211> 1881
 <212> DNA
 <213> Enterobacter cloacae

<400> 391
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<210> 392

<211> 834

<212> DNA

<213> Enterobacter cloacae

<400> 392

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atgggggcca	gccatgccc	gacgggcgtg	ggcaacatca	gcgaaagcca	ctaccggggc	240
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ccgctgcacg	agcgctattg	caggatgcta	tgggattatg	tccgtttcga	ttttggcgac	360
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aaagcgggtc	acaacggtag	ccgttttcgat	atctggagca	gtacgtttat	tatcatcggc	540
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tatcagaaaa	tcaccgatta	cttctggcac	atcacgctgc	cggtgctggc	gacggtcata	720
ggcggttttg	cggcgcttac	gatgctgacc	aaaaacgcct	ttcttgatga	gatccgcaaa	780
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<210> 393

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 393

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ggcgattttag	tctgtttcag	agcaggttca	accggtcgac	acgttggcat	ctatatcggt	180
aacgatcagt	ttgtccatgc	ttccaccagc	agcgggtgtg	cgatttccag	catgaacgaa	240
ccttactgga	agaaacgcta	caacgaagct	cgccgcgttc	tgagccgtag	ttaa	294

<210> 394

<211> 1512

<212> DNA

<213> Enterobacter cloacae

<400> 394

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atacagtttg	acagtaattt	tttgccgcatc	tcccatcctg	aaaacgttga	tctctcggct	240
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<210> 395

<211> 600

<212> DNA

<213> Enterobacter cloacae

<400> 395

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aaatatacgc	tttgcaaaat	acgctcagat	gaaataggcg	catggatgca	tacagcagat	180
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ctgaaacttt	caaagcagga	gttaaacgtg	ctttcgtggt	ttatgcatgg	gctatctcct	420
tatagtatgt	ccagatatga	tggctgtgca	gttaaaacaa	tcagcacctt	taagagagcg	480
ctgatggata	agctttatat	caaatcggac	gctgaactat	ttaggggttg	ctggacttat	540
aagatgtatc	aaaacagtgg	tcatttaaga	gggcgagatg	aaaatttcag	gatggattag	600

<210> 396

<211> 1209

<212> DNA

<213> Enterobacter cloacae

<400> 396

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agaaccgcgt	accgcgtgac	gctgaccctc	aaccaggggt	tgcttgataa	gtggggacag	240
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tgtaattaa						1209

<210> 397
 <211> 1161
 <212> DNA
 <213> Enterobacter cloacae

<400> 397
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 tcctcctgga ccgggaccat tatttctcat gagagttggg ttgctgaata ttctctgggac 360
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 ggtatacaga ttagttctgg tgatacaaca tcggcagatt cacacattat tgattttggc 1020
 aatgctttta ccggcacctt taattcggac ggtagtagca gcgttacgat tcctctctcg 1080
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<210> 398
 <211> 1214
 <212> DNA
 <213> Enterobacter cloacae

<400> 398
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 gttgtaatgc cagttggtgc tgacggattt cagaatggag ctgcaaaagc cattattccg 180
 ggtcaagctg gttctgaaca gtcagggtga caaacaacc ttagtgaagc cggtaatgcg 240
 cagggacaaa aacctacaac tgatctccct accgtgcaac tttccccagc cagcaatgct 300
 tcgcctgcgg taagcgctat tactggagca ttatcaaata atcctagtct ccccggtatt 360
 gacgcacaga cccgatctgg tgcaattgat agctatggga gaccaacagg tacctcttcc 420
 cagcagaatg caaccaatgc gaccgccacg tcaaaagccg atgaacttta tgtcgaagct 480
 cgtaaccgat ataaagaagt tcagcgtgta aatgtgccgc ctggtgggaa tgtggtactg 540
 ccagtttcac gaggacttca aaacagaata tcgaccagct tcaagaatgc ttctgtcagt 600
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<210> 399
 <211> 903
 <212> DNA
 <213> Enterobacter cloacae

<400> 399

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tcagactctc	gtagtggctg	gttcacagta	acgcatctgg	tgcagaaggc	tatgattgat	540
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gaccataaga	cattgtttaag	ccttcaggtt	ctatacattt	tggctaaaaa	agaagctgcg	660
caatctctct	atatttattt	tgaagcaatg	ccagctggta	cgttgttcgt	taatatgaaa	720
cggttgaggg	aaaggttgct	tcttacaacc	cctattcgta	cgcaaaacca	gataattcgt	780
aaagcaatgc	gggaacttga	atctatcgga	tatctcgatt	atcaagaagt	taagaaaggt	840
cgcgacatac	aatttcagat	cttcaaaaaga	agccctaagc	tggcccttgc	caaacaaggt	900
tga						903

<210> 400

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 400

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attaaaaaac	gatttagccc	acaagctgaa	gcgtcaggtg	ctggaattac	atacagcgcc	180
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gctctctttt	ttagtaccct	tttagggaa	attaatccaa	ctaataattc	ctttgtgacg	420
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gagcagataa	atatcatgca	ggctcgtgg	gttgagcaga	cctttaagcc	taatgatatt	540
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attacgataa	acggcaaaga	gcaactggca	acgctggata	atccgccacc	gtctacaggt	780
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<210> 401

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 401

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accagcgcc	tgtacgggg	actgaaccgt	cggctggaaa	aatcaccgtg	gctgggaggt	480
gagcattaca	gcatcgaga	tatcgctgc	tggccgtgga	tcaacacca	tgaacgccac	540
cggatcgacc	tggccactta	tccggcgggtg	aacaactggt	ttgagcgcac	ccggaccgcc	600
ccggccaccg	aacgcgccat	gcaaaaaaatc	catcagattt	ga		642

<210> 402

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 402

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cggagaagac	ctgtaatgtc	ccagcatgac	gctattattc	gtataaaaaa	cttacgctta	120
cgcactttca	ttggtatcaa	agaggaggag	atcgcgaatc	gccaggatat	cgtgggtgaat	180
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gctgaagtgg	agatcgataa	acttcacgcc	ctgcgctacg	ccgactccgt	ctccatgacg	420
ttaagctggc	agcgccaggc	gtaa				444

<210> 403

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 403

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aaagcgggtt	ttgtgcgcac	gcagggtgctg	gagaaggcgt	acgagattaa	cggcgtacgg	480
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<210> 404

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 404

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gtcacgcgca	gcccggagaa	agcgcgccag	gtgctgggca	ccggcggttg	gatctggaaa	180
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tggctgctgg	ataacgacct	gcgcggggccg	tttaacatgg	tgtctccgta	tccggtagct	720
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<210> 405

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 405

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<210> 406

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 406

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tctaaccacg	ttatcttcct	gcatcagggc	aagattgaag	agcaggggtca	tccggacgag	660
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<210> 407

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1008)

<400> 407

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<210> 408

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 408

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gccgcagagc	tgctggcgca	ttctccgctg	gcgctgtttg	atgagctggg	acttcgcacg	420
cagcttagcg	cctcgcgcgg	tcagggactg	attgcgctaa	acgacgcggg	gctggatgcc	480
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<210> 409

<211> 210

<212> DNA

<213> Enterobacter cloacae

<400> 409

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cgcgctcgt	ttgcaccgta	caatacaaaa	agtgcgctcg	atgcgctggg	ttccgccgtc	180
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<210> 410

<211> 1134

<212> DNA

<213> Enterobacter cloacae

<400> 410

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atztatcagg	gcatcgcccc	ggatgccggc	catcgtgcag	gctgggtata	ccactacgga	1080
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<210> 411

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 411

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<210> 412

<211> 207

<212> DNA

<213> Enterobacter cloacae

<400> 412

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atcgtctctg	aagggaacc	gacaaccgat	aatgataccg	ggatgatttg	tcttcacaca	180
cgccgctgga	agatccgata	ttgcgtt				207

<210> 413

<211> 462

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (278)

<220>

<221> unsure

<222> (403)

<220>

<221> unsure

<222> (424)

<400> 413

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aacgaaatta	agaaaggat	ggtactgaat	tacaacggca	aactgctgat	tgtgaaagat	180
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atggataaag	aaaattaccc	ccgtatatct	tcaccaaaga	tcngatcgaa	gaagagctgc	420
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<210> 414

<211> 1272

<212> DNA

<213> Enterobacter cloacae

<400> 414

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aagccctttg	atttgacgtc	aacggcggtt	ttgatcggtg	ctttctctac	cggatttgcc	180
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<210> 415

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 415

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<210> 416

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 416

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<210> 417
 <211> 1755
 <212> DNA
 <213> Enterobacter cloacae

<400> 417
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<210> 418
 <211> 2496
 <212> DNA
 <213> Enterobacter cloacae

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<210> 419

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 419

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ggccatgctg	cgggtagccg	tgctaaccgt	ggcggtgccc	caagcgcttc	tgccaaaagg	180
caaccggcag	aaaagatcct	cgtatcggca	attaaaactc	ccattcaact	ggggcggtgaa	240
agacacccgg	gtcactaa					258

<210> 420

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 420

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tatcatgcgt	ttcctcctct	gaccaacagc	gcaggggaac	ctaccggcgc	aatgtacggc	180
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tttgatgcga	agggtaaaa	cctccgcgat	gaattatttg	agcattacaa	atcacaccgt	300
ccccctatgc	ctgacgatct	gcgtgcgcag	attgaaccgc	tgacagctat	ggtgaaagcg	360
atggggctgc	cactgctggc	ggtctctggg	gttgaaagctg	acgacgttat	tggtaccctg	420
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<210> 421

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 421

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aacggtgatg	tacaggttga	accgttctcc	tcgctgaaaa	agcagggcgt	ggataaactg	600
cgtcagaagc	tcgacagctg	gtttaacgat	ctggaaccgg	cgacagaagc	ggaagcagag	660
taa						663

<210> 422

<211> 650

<212> DNA

<213> Enterobacter cloacae

<400> 422

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tgatgggtaa	agccagcccg	gttagcctgg	gcgtaccggc	agatgcctcc	gcaagcggcg	480
gacagcaaca	gcaggtacag	gagcagcgcc	gtcgcattaa	tgcgatgttg	caggattacg	540
agttgcagcg	ccgtctgcac	tccgagcagc	ttcagtttga	gcaggcccaa	accagcagag	600
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<210> 423

<211> 1632

<212> DNA

<213> Enterobacter cloacae

<400> 423

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gcagcccagg	ttctggactc	catggacctg	gaacgcgaac	gcgggtattac	catcaaagcg	180
cagagcgtga	cgctcgacta	taaagcttcc	gatggtgaaa	cctatcagct	gaactttatc	240
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ggcgcgctgc	tgggtggtgga	tgccggacag	ggcgtagagg	cccagacgct	ggcaaactgc	360
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gatctcatcc cgcgtcagca gtttgacatt gcgagtcttc acacgaggct ggcaggatcc 1620
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<210> 424

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 424

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ggcgggttct	ggcttgctaa	aggcgtttcc	ccaaggcttg	ccgcccggga	agcgtggcag	420
cccgttatcc	tcagcgttgc	actggcacc	gaccaacttc	gtgttgagac	gctctcttct	480
aaggcccgtg	ga					492

<210> 425

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 425

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tctgctaacg	cctcggtga	tggttcatcc	ggggcggttg	tgacgcaa	gaatctggcc	180
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accggtcgcc	ggacggtcag	cacgacgggt	cgcgataatg	cggaaattac	cattgtcggg	960
gaattaccgc	cgccaacggc	aaaacgtatt	tcagacagca	ttaaattcag	ggctgcgcaa	1020
tga						1023

<210> 426

<211> 243

<212> DNA

<213> Enterobacter cloacae

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agaggctaca	gaaactctac	tgaaatcatt	attgatgaaa	gcatgacggg	tattgtcggg	180
cgtaatgact	ttgggaaatc	aacgcttctg	gaagcgctgg	ctatTTTTTT	tgaaacagaa	240
tga						243

<210> 427

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 427

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caggccaatt	tctctgccga	tatcgcgcgt	gagatcagaa	cgcccatcac	caatctggtg	180
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agagtgcagg	tggaatcgga	cgtaacactca	acgcgtttta	tcttatccgt	gcccagactg	780
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<210> 428

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 428

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gtattaatgt	tatccctgcc	agcgatttca	gcagaacatt	cagaaatgaa	aatgactgat	180
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atgagaaaagc	tcgcgcagga	catcattaaa	gtcaaaaaag	gtgaaattga	gcagatgaat	420
aaatggcttg	atagtcaaaa	gtaa				444

<210> 429

<211> 702

<212> DNA

<213> Enterobacter cloacae

<400> 429

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<210> 430

<211> 396

<212> DNA

<213> Enterobacter cloacae

<400> 430

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<210> 431
<211> 768
<212> DNA
<213> Enterobacter cloacae

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<400> 431

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ctgtctgaac	tcgtgtgcgc	ctgccatgca	cgaaagggga	atgtttcctg	cccgttgatc	720
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<210> 432

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 432

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<211> 399

<212> DNA

<213> Enterobacter cloacae

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aatctcgtcc	agactgaacc	ccagccgctg	tgccgatttc	acgaatttca	cccgaaccac	240
gtccgcctcc	ccatagcggc	ggatgctgcc	gtaaggcttg	tccggttccc	gcaacaggcc	300
cttgcgctga	tagaagcggg	ttgtctccac	gttgaccccg	gccgccttgg	caaaaacgcc	360
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<210> 435

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 435

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cgcaacgtcg	ccttttccct	tacctctgaa	atcaaccggg	tcagcgtagt	ggctccgggg	300
agaataatac	gatgttgcat	aagccaccct	gtcgcacgat	cgaaaagcag	gccaggacgt	360

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<210> 436
 <211> 639
 <212> DNA
 <213> Enterobacter cloacae

<400> 436						
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<210> 437
 <211> 297
 <212> DNA
 <213> Enterobacter cloacae

<400> 437						
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tcctcgcagt	gggtgccatc	gtcagagccg	aacagctcgg	caatctcgtc	cagactgaac	240
cccagccgct	gtgccgattt	cacgaatttc	acccgaacca	cgtccgcctc	cccatag	297

<210> 438
 <211> 702
 <212> DNA
 <213> Enterobacter cloacae

<400> 438						
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gcgctggtgc	caatggttat	tgaacagacc	tcacgcggtg	agcgttcttt	cgatatctat	180
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aacctgatcg	tggcgcagat	gctgttcctg	gaagcggaaa	acccggaaaa	agacatttac	300
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caattcatca	agccggatgt	cagcaccatc	tgtatggggc	aggcggcgct	catgggggct	420
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ctcgagcaga	tcgagcgcg	taccgagcgc	gatcgcttcc	tctctgcgcc	agaggcagtt	660
gagtacggct	tagtcgactc	cattttgacc	catcgtaatt	ga		702

<210> 439
 <211> 1332
 <212> DNA
 <213> Enterobacter cloacae

<400> 439						
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cagcatgaag	tgcgtaaact	gattgccggg	ccgtccgtgt	atatctgcga	cgaatgcgtc	180

gatttatgta	acgacatcat	tcgcgaagag	attaaagaag	tcgcgcgcga	ccgtgagcgc	240
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<210> 440

<211> 1695

<212> DNA

<213> Enterobacter cloacae

<400> 440

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<211> 225

<212> DNA

<213> Enterobacter cloacae

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<210> 442
 <211> 192
 <212> DNA
 <213> Enterobacter cloacae

<400> 442
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 tcgtttgggt tttcagacgt ggctttcacc gttgcgcaa aaccaatgcc ggagccggtt 180
 tccacacggt ga 192

<210> 443
 <211> 483
 <212> DNA
 <213> Enterobacter cloacae

<400> 443
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 gttttttgtg ctttttatcc cctcttccct ggggagaggg ttagggtgag gggctcaggc 180
 cgcaccgagc tgcataatag accggggggg attgactcgc tgcgctcgcc ctgcgggcag 240
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<210> 444
 <211> 1119
 <212> DNA
 <213> Enterobacter cloacae

<400> 444
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 tccggcagcg atttcttcac caccaaattc tctccttcac ctcaacaacc tttttctacc 180
 gacgtgcata acggtgcgcg tagccgttgt atatcgatc cgggtaatgc aagcaatggc 240
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 cgtcgcgaag caaaacgtgt gctgagacgg gattcacgta gtcataaaca gcgtgaagaa 420
 gaatcggtca cctcgcttgt gcagatgagc ggcgtagaat cgattggcat ggcgcgggac 480
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 agcgcgccca aagcggcgga ggcgctgatt cataaggacg tggaaaggat catcgttacc 660
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<210> 445

<211> 186
 <212> DNA
 <213> Enterobacter cloacae

<400> 445
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 aggcgtacaa catgcgaaaa aaaagcccgc attttcatgc gagctcttct tcaaatatgg 180
 cgtga 186

<210> 446
 <211> 270
 <212> DNA
 <213> Enterobacter cloacae

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 accggtaccc tgcttgaagg gatcttcggc taccaggaaa cgcgcagcgt cagcgaagtg 180
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 ggctcgaga cgtcgcgcgt tgcgccgtaa 270

<210> 447
 <211> 1155
 <212> DNA
 <213> Enterobacter cloacae

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 gcgaaatacc gcaccaaaga cgggttcgaa acctacgaca agctgaccga tgctgatcgt 1080
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 ctgggtctgg attaa 1155

<210> 448
 <211> 1287
 <212> DNA
 <213> Enterobacter cloacae

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 gcaaaaaccgc aaagcgcccc cggcacgctc tccccggagc cgcgtatgga aacgcagccg 180
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 gctttcgatt cgttggcgag tgataaggcc gaccttgagc gtctgttcag gctattaacc 300
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gcgctgcaaa	aaatgacgcg	attcccgaat	gattctctcg	acgcggcgct	gtgccacggc	540
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aagcccacg	gcggcggtta	tttctttgcc	ctgcccggcg	cgcgtagcgc	gaacgcctgg	1260
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<210> 449

<211> 312

<212> DNA

<213> Enterobacter cloacae

<400> 449

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gcgccagttg	tcgaaccccg	gtcggggggt	ctcattcccc	gcaaaggcgt	acaacatgcg	120
aaaaaaaaagc	ccgcattttc	atgcgagctc	ttcttcaaat	atggcggtga	gggggggatt	180
cgaacccccg	atagcttgcc	gtatacacac	tttccaggcg	tgctccttca	gccactcgga	240
cacctacca	tattgttttg	ctgcctgacc	gcttgggggg	caacggggcg	ctactatagg	300
gagttgcgct	aa					312

<210> 450

<211> 1809

<212> DNA

<213> Enterobacter cloacae

<400> 450

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ttacgctttg	aggaatccac	gatgagtgag	gcagaagccc	gcccagagta	ctttattcgt	180
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ccggagccaa	atggctacct	gcacattggt	cacgccaaat	cgatctgcct	gaactttggt	300
attgcgcaag	attaccaggg	gcagtgcac	ctgcgtttcg	atgacaccaa	cccagtaaaa	360
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<210> 451

<211> 615

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (527)

<220>

<221> unsure

<222> (554)

<400> 451

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accctcacgg	gcggtatttt	ttactggcag	cgtgagcgtg	accgtaaaga	cgctactgaa	180
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gaaaatggcg	acagcggcca	tcggaacgaa	attgcgttct	cctccagcaa	taaagcctac	360
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gcgcgcgact	ggagctttat	gccaggcacc	tatcaggggg	cggaaancgg	tgctaatttt	540
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gccgtggcac	attga					615

<210> 452

<211> 2001

<212> DNA

<213> Enterobacter cloacae

<400> 452

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acgaaagcga	tggttaacct	caatcctgaa	atcaacatgg	gtgtgctggc	aggtatcatt	360
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gacttcctga	atgctaacgc	gcgctccatg	ataagcccgg	tcgtgtgcag	caacatcgac	1920
gacttcagcg	gtctggtgat	ccaggcgcag	gggcaggtag	ttgcaggcca	gacgccactg	1980
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<210> 453

<211> 861

<212> DNA

<213> Enterobacter cloacae

<400> 453

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<210> 454

<211> 1101

<212> DNA

<213> Enterobacter cloacae

<400> 454

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<210> 455
 <211> 312
 <212> DNA
 <213> Enterobacter cloacae

<400> 455
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 gccaatggcc tgatggggga aatggttgaa attcacctca aagatgagct ggtgacgggg 240
 gagaccacc cggatcagcg ggctgtgcgg atggcggaag tcggccattt actgcgctct 300
 tatctaaaat aa 312

<210> 456
 <211> 312
 <212> DNA
 <213> Enterobacter cloacae

<400> 456
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 ccggccgcgg gtcaggagat caaaacccgt ccctaccatc tgggtgacagg gggcgtatgg 120
 cgcgggtcgg catttgccgg cgtgaaaggc cgtaccacgc tgccgggcat ggttgaagat 180
 gcgatggtcg gtaaaattca gctcgaccgc ttcattacgc accgcctgcc gctggagcag 240
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<210> 457
 <211> 1551
 <212> DNA
 <213> Enterobacter cloacae

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<210> 458
 <211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 458

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ctgttggtga	gcgaacacga	cgagcaatta	catcttgatc	ctgtattctg	gggttatccc	420
ccggggtggt	gggataaagc	gccactgata	aacgcccgcg	tcgaaaccgc	ggccaccagc	480
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<210> 459

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 459

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ggcagtagcg	catttgagcg	aggcgatgaa	gctgagggtc	ttctaatagt	cacatctgca	180
gctgataaag	gcctgggtcg	cattcacgat	cgccggccac	tggtagctgc	accggaagcg	240
gctcgcgagt	ggatgcgaca	ggaggtagga	ggaaaagagg	ctgaacagat	cgctgccgac	300
ggagtatcga	cacgccaggg	cgaagtacag	cgt			333

<210> 460

<211> 429

<212> DNA

<213> Enterobacter cloacae

<400> 460

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cgcttttttt	tcgactgcct	ggctgtttgc	gtcaacgtga	agcctgcacc	cgaaaaacgt	180
gagttctggg	gctgggtgat	ggaaatggaa	gcacaggaaa	accgttttac	ctatagctat	240
cagtttgccc	tgtttaataa	agacgggcac	tggcaggcga	cgagcatcaa	agatcaggaa	300
gtgatcgatc	gcctggagca	tacgctaaaa	gaatttcacg	gcaaagctcg	cgacctgctg	360
gccacgctgg	atctgaagct	ggagcctgcg	gacgattttt	ccagcgaagc	ggtgaaattg	420
agagcctga						429

<210> 461

<211> 507

<212> DNA

<213> Enterobacter cloacae

<400> 461

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tcttcacgcc	tgaaggccgt	cgctgtctct	ggtccggtgg	tgcatgctct	gttaagcgat	180
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ccgttttagc	cgaagagga	gtcacgctta	atcacgtcgt	catcttctga	tggtaaattg	420
ctggaggtgc	ccttcagccc	ggtgtaccag	aattttgaca	aagcgctgaa	agagatcaca	480
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<210> 462

<211> 1143

<212> DNA

<213> Enterobacter cloacae

<400> 462

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atcgttgagc	ttgtacgtca	gtgcgctcag	ttgcatgccg	cagggcatcg	tattgttaatt	180
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taa						1143

<210> 463

<211> 1080

<212> DNA

<213> Enterobacter cloacae

<400> 463

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ctggacgtgt	acggcaaatg	aaaagcaatg	cactacatta	gagatgatga	cgctaaggat	180
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tattttcaaca	aaaatatgtc	tgcttttggt	gattataaaa	tcaaccagat	cgatgacgat	1020
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<210> 464

<211> 732

<212> DNA

<213> Enterobacter cloacae

<400> 464

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gccgtgacaa	gcctgtttgc	gctttttggc	tgtaataaac	gttcggaaac	gcaggtacta	120
cagccaacgc	aaaatgaaga	attaaagccg	atgcagcaaa	gctggcgcg	cgtattaccg	180
tgtgcagatt	gcgagggcat	cgaaacctct	ctgttcctgc	aaaaagatgg	cacctgggtc	240
atgaaccagc	gttaccaggg	ggcgaaagaa	ccgtcttctt	ttgcatctta	cggaacatgg	300
gcgcgtacgg	ctgagaagct	ggtattgacg	gataccacgg	gcgataaaac	cttcttccgc	360

gccaaaggcg	aggggatgga	gatgctcgat	cgcgaggca	atccgattga	atcccagttc	420
aattacacgt	tggccccggt	gaaagcgacc	ctgccagcca	ccccaatggc	gatgcgagga	480
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gagctggtaa	aaacgctggg	ggcagataaa	gacgcgaagt	ttgctgcggg	gaaagactgc	720
gaaagcaaat	aa					732

<210> 465

<211> 453

<212> DNA

<213> Enterobacter cloacae

<400> 465

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gccccggctg	tcgcggtcat	caaagagctg	acggctgtac	aaaaaagtcg	ccgggcaaca	360
cgccaacgc	gggcatcgaa	agaacgtcgg	ttgtcatcga	aggcgcagaa	atccaccgta	420
aatcactgc	gtggcgaagt	ccgtcaccca	taa			453

<210> 466

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 466

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gcggatcttg	accgtaacca	gtttctggat	gcgtcattga	cgctggcgcg	tcacccttct	120
gaaacccagg	agcgcatgat	gctgcgcctg	ctggcggtga	ttaagtatgc	cgacgagcgt	180
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tggtggcaac	aaaataaaaa	taaatgtgcg	cagttcaaaa	atctcacccg	ctggtatctg	420
gatgatgaac	agctggcgca	ggtgagtgcg	ttcgccagcc	ggacgatggc	gctacaggca	480
acaattcagg	acggtgccat	ctggctttcc	gattctcaga	ataatctgga	aattcatctc	540
acggcctggc	agccccgcatc	atga				564

<210> 467

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 467

agaccaacga	atcaggactc	tccacccaat	attccgacag	cccgcaagcg	tatgcaaadc	60
aacgcgtcga	aaatgaaagc	caacgcggtg	ttgctgcaca	cctgtgaagt	caccagcggc	120
acaccagggt	gctatcgta	ggcgggtatg	atcggttctg	cgcttaacat	tacggcgaaa	180
tga						183

<210> 468

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 468

gcgttatccg	ctcccccttat	aaagaaaagt	tcgccgtgcc	gcgtcagccg	ggtctggtca	60
ttcacggcgg	cggcgagctt	catcttgtcg	cgccgtataa	ccaggccgat	gcagtgcgcg	120
ggcttgaggc	gttcagccat	ttatgggtgg	tctttgtgtt	tcaccagacc	atggaaggcg	180
gctggcgctc	cactgtgcgt	cctcctcgtc	tgggcggaaa	tgccagaatg	ggggctcttg	240

ccacccgctc aacctttcgt cccaacccca tcggaatgtc gctggctgag ctga 294

<210> 469

<211> 1785

<212> DNA

<213> Enterobacter cloacae

<400> 469

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gaggtgatca	gccaccagct	gatgctgcgc	gccgggatga	tccgcaagct	ggcctccggg	180
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<210> 470

<211> 225

<212> DNA

<213> Enterobacter cloacae

<400> 470

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gcggagatcg	ccagcggaga	tctggggtag	attccggatg	cgttgggctg	tgtattgaac	120
gtgctaaatg	aagtggcctc	tgatgagagc	ctttctgaat	cggtcagcgg	gaccgcagggt	180
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<210> 471

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 471

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cccgctacc	gcaaagaaga	ggaagccggg	aaaacgtacg	ccgtctggct	gctggacttt	660
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<210> 472

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 472

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aaaacaggat	ttacactatc	aaatttcaag	catcttgccg	atgatgaatc	attaggcggt	420
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<210> 473

<211> 3678

<212> DNA

<213> Enterobacter cloacae

<400> 473

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<210> 474

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 474

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<210> 475

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 475

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gattgcgtta	aaattggcct	ctacatactt	ggatatcttg	ctcaaaaaac	gccctgggta	540

agctccgagt ctataattac cgcgcttcgc ttatctgaag ccaagaattc aaaatag 597

<210> 476

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 476

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tggtacaaaa	ttaacgacgc	cggtcaggag	gccgagtact	tcaacatgaa	gctggagaac	360
gtcaaagtcg	tctcgatttg	cccgatgatg	cacgatgtga	aaaacccggc	gaccgagaag	420
cataaccacc	ttgagagcgt	tgcgctgcgg	tacgagaaga	tcacctggaa	acactgcgac	480
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<210> 477

<211> 1284

<212> DNA

<213> Enterobacter cloacae

<400> 477

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tcagatattc	ttaaagttag	ataa				1284

<210> 478

<211> 474

<212> DNA

<213> Enterobacter cloacae

<400> 478

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<210> 479
 <211> 948
 <212> DNA
 <213> Enterobacter cloacae

<400> 479
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<210> 480
 <211> 522
 <212> DNA
 <213> Enterobacter cloacae

<400> 480
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 agtccgcttc aggatcctga aaacacaggt ggattgtcca ttctggcctt tgagcacgag 420
 cccggaagtg acagtaagaa cgttgatgtg tgggtttgca aaaatcctga cgaagaggac 480
 attgtcgaat ccattcttgg cgaaattatc cctggcgcgc tg 522

<210> 481
 <211> 243
 <212> DNA
 <213> Enterobacter cloacae

<400> 481
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<210> 482
 <211> 315
 <212> DNA
 <213> Enterobacter cloacae

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caattatgga	aatcctccgc	tgaattgccg	gccc aaagcc	gattccaaaa	ccttggaat	240
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<210> 483

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 483

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gccatttccg	atgccacgtt	ttacatcttg	cgtaagaagt	atggcggtat	ggaggtgcct	180
gaagttaagc	gcctgaagtc	gcttgaggaa	gagaacgcca	gactcaagaa	gctgcttgcc	240
gaagccatgc	tggataaaga	ggcgcttcag	gtggctcttg	ggcgaaagta	ctga	294

<210> 484

<211> 2109

<212> DNA

<213> Enterobacter cloacae

<400> 484

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<210> 485

<211> 2613

<212> DNA

<213> *Enterobacter cloacae*

<400> 485

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<210> 486

<211> 768

<212> DNA

<213> *Enterobacter cloacae*

<400> 486

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gatgccgacg	acgtcgtacc	gaccgggtgaa	actttccgcc	tgcaacaggc	gctacagcgc	660
gaagggctgg	acagcaatct	gacctgcctg	tggggagcgg	gtgtccggca	ccgtattacc	720
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<210> 487

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 487

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cgcgccgagc	aaatcagcat	ggtgatcacc	ggcaaaaacg	ccaaccccg	gatcctcagc	720
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<210> 488

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 488

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gcctgcaaga	gcgcgtcacg	cagcccggcg	aactcggtea	gattgcccgtg	cagcgtttgc	180
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<210> 489

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 489

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actatcagga	aaagagacag	gtttatgcgc	aggcttaccg	ctttattgct	ggtctcgctg	180
ctcagcggat	gttccgtatt	gcagggtacg	ccagaaccgg	cgcgcgcgg	taccgatcat	240
cctcaggaaa	ttcgtcgtaa	tcagacggaa	ggattacaac	gcctgggtac	cgtatccgcg	300
atggttcgtg	gttccccgga	tgatgcagaa	gacgcaattg	aagcgcaggc	cgttgccgca	360
aaagcagatt	attacgtcat	cacgatgatt	gatgaaacca	ttattacggg	acagtggtag	420
gcccagggca	ttttgtaccg	taagtaa				447

<210> 490

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 490

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------------	------------	------------	------------	------------	------------	----

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cagtcggccg	aatttgccag	cgcggtattg	gtcacggggc	tgaacgagat	tggtcagatc	180
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gatgaacagg	gcgcatacctg	gtatcgcatc	gtccagatgc	aggaagatca	ccatgttaat	300
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<210> 491

<211> 1182

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

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<220>

<221>unsure

<222>(1176)

<400> 491

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<210> 492

<211> 1482

<212> DNA

<213> Enterobacter cloacae

<400> 492

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gatcatctgt	ttaccgttct	ggagaaaggt	gccgaaggca	atcagcccat	tattatcggt	300
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<210> 493

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (322)

<400> 493

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<210> 494

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 494

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<210> 495

<211> 369

<212> DNA

<213> Enterobacter cloacae

<400> 495

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<210> 496

<211> 2436

<212> DNA

<213> Enterobacter cloacae

<400> 496

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<210> 497

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 497

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<210> 498

<211> 681

<212> DNA

<213> Enterobacter cloacae

<400> 498

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<210> 499

<211> 282

<212> DNA

<213> Enterobacter cloacae

<400> 499

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<210> 500

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 500
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 gcactggcgc ggcatcagcg ggcgctgaaa tacagccgtt tccagcccgg taacaaaggg 180
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<210> 501
 <211> 978
 <212> DNA
 <213> Enterobacter cloacae

<400> 501
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<210> 502
 <211> 978
 <212> DNA
 <213> Enterobacter cloacae

<400> 502
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<210> 503
 <211> 1056
 <212> DNA
 <213> Enterobacter cloacae

<400> 503

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<210> 504

<211> 543

<212> DNA

<213> Enterobacter cloacae

<400> 504

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<210> 505

<211> 1338

<212> DNA

<213> Enterobacter cloacae

<400> 505

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<210> 506

<211> 960

<212> DNA

<213> Enterobacter cloacae

<400> 506

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<210> 507

<211> 1038

<212> DNA

<213> Enterobacter cloacae

<400> 507

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<210> 508

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 508

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<210> 509

<211> 1299

<212> DNA

<213> Enterobacter cloacae

<400> 509

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<210> 510

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 510

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<210> 511
 <211> 660
 <212> DNA
 <213> Enterobacter cloacae

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<210> 512
 <211> 1008
 <212> DNA
 <213> Enterobacter cloacae

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<210> 514

<211> 1574

<212> DNA

<213> Enterobacter cloacae

<400> 514

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<210> 515

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 515

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<210> 516

<211> 184

<212> DNA

<213> Enterobacter cloacae

<400> 516

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<210> 517

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 517

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<210> 518

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 518

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gtactagcgc	ctggtggtag	ttttgttggtg	aagggtgttc	agggcgaagg	tttcgaggag	180
tatcttaagg	aaattcgctc	cctgtttgcg	aagggtcaaag	ttcgtaaagcc	ggactcttcc	240
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<210> 519

<211> 1959

<212> DNA

<213> Enterobacter cloacae

<400> 519

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<210> 520

<211> 1125

<212> DNA

<213> Enterobacter cloacae

<400> 520

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<210> 521

<211> 2178

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (193)

<400> 521

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<210> 522

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 522

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gccgtgtttt	gcgtttgcca	acgcgggtgt	ttcccctggc	ccggggttac	cctggacgga	360
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<210> 523

<211> 1914

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1788)

<400> 523

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<210> 524

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 524

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<210> 525

<211> 987
 <212> DNA
 <213> Enterobacter cloacae

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<210> 526
 <211> 1116
 <212> DNA
 <213> Enterobacter cloacae

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<210> 527
 <211> 318
 <212> DNA
 <213> Enterobacter cloacae

<400> 527
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 gggcgcatca ctgaactggc actggaacgc aggcgttttg gctaccgtcg taatttggcc 240
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 tcagtggcct gggcgtaa 318

<210> 528
 <211> 294
 <212> DNA
 <213> Enterobacter cloacae

<400> 528
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<210> 529
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 <212> DNA
 <213> Enterobacter cloacae

<220>
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<220>
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<220>
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<210> 530
 <211> 2418
 <212> DNA
 <213> Enterobacter cloacae

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<210> 531

<211> 1680

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1654)

<400> 531

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<210> 532

<211> 321

<212> DNA

<213> Enterobacter cloacae

<400> 532

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<210> 533

<211> 900

<212> DNA

<213> Enterobacter cloacae

<400> 533

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<210> 534

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 534

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 <212> DNA
 <213> Enterobacter cloacae

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 tgtgctctgg caaacaagct ggccagaata gcctgggccc taacggcacg acagcaaact 180
 tatgtagcat aa 192

<210> 536
 <211> 480
 <212> DNA
 <213> Enterobacter cloacae

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<210> 537
 <211> 450
 <212> DNA
 <213> Enterobacter cloacae

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<210> 538
 <211> 1128
 <212> DNA
 <213> Enterobacter cloacae

<400> 538
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<210> 539

<211> 1515

<212> DNA

<213> Enterobacter cloacae

<400> 539

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<210> 540

<211> 1155

<212> DNA

<213> Enterobacter cloacae

<400> 540

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<210> 541

<211> 303

<212> DNA

<213> Enterobacter cloacae

<400> 541

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cgcttcgcgg	cgaaaaccag	cgagcttgaa	atctggcacg	gcttcctgat	tatgtgggcg	180
gtgtgcgcag	gcgtgattca	cggtgtcggc	tttcgtccga	aagcgctaca	ctggcagggc	240
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<210> 542

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 542

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aacaaactgg	aactgaacta	cgacaacttt	atggaagagt	tcaccgcgat	tctgcatcgt	660
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<210> 543

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 543

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<210> 544

<211> 903

<212> DNA

<213> Enterobacter cloacae

<400> 544

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<210> 545

<211> 576

<212> DNA

<213> Enterobacter cloacae

<400> 545

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<210> 546

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 546

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<210> 547

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 547

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<210> 548

<211> 612

<212> DNA

<213> Enterobacter cloacae

<400> 548

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gcggtgagct	ggttacccat	taacacccgc	gagctggtat	ttcatttcag	cgcccgcctac	540
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<210> 549

<211> 2586

<212> DNA

<213> Enterobacter cloacae

<400> 549

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gcgtttctct	ccgatgacac	ggcgaacgct	gcggtattgt	cgcgttttga	aaaagggcac	180
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ccactgagcg	gggagctgct	gattcagtggt	ggagacggga	agcagtccca	gtgtcgtgcg	2520
ccctacagcc	tgccagaaca	gagcctgcaa	caggcgatca	cacttaaggg	gatccgctgt	2580
gaataa						2586

<210> 550

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 550

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ggcggaattg	cgctgggtgc	gacgcgcgtt	atztatccgg	ccgatgccaa	acaaacgtcg	180
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gccaacgggc	aaaaggaaaa	aacctttgcc	gtcacgccgc	cgctgtttgt	cagcgagccg	300
gccagcgaaa	acacctgcg	cattatctac	gcaggcccgg	cgctgcctgc	cgatcgcgaa	360
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cttaagggtga	gcaatgcctc	accgtattac	gtcacgctgg	tcaatctgaa	gctcggcgga	600
cagacgctgg	ataacctgat	ggttgctcct	aaaagctcgg	cgcagcaggt	gctgcctgcc	660
gctacgagcg	gcacgctctc	ctggcagagt	gtgaatgact	atggcgccat	tacgccggcg	720
cgtagcgctca	gcctgtga					738

<210> 551

<211> 1104

<212> DNA

<213> Enterobacter cloacae

<400> 551

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ctatccctgc	tggcattttt	gcgcgtatct	caggcggttcg	ccaccgtctg	cgatcaatgaa	180
aatggcggtgc	cgacggaggt	gtattacgac	ctgacggata	aattcaacag	ctccaataac	240
cagggtggggc	agattgtcac	actcagcgag	aagtctcagt	gggtgggtgt	taacgcgcgtc	300
tgtcctaagg	gaacgtccgg	gaacaccacc	aagcgcagct	atgttaccga	ttaccgcgtc	360
acggggacca	gcgatggcta	ccagtatctg	aagcttaacg	actatctgga	cggagcgatg	420
aaaatcaccg	acagctacgc	tggcaccttc	tatccacca	gaaagtacat	tcagatgggg	480
agccatccga	acgtgtctaa	aaacaaaccg	tttgggtgtac	aggattccag	cctcgtcttc	540
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cgggtttacg	tcaccacgac	ctcctcggat	ccgctcacca	cgccggttta	taccatcagc	660
tacagcggga	ccattcaggt	gcctcagagc	tgtgaaatta	atgccgggaa	tgtgggtggag	720
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gaggggatct	cagcgcaaag	caaaaccatc	ggcataaaat	gcaccaacgt	cgaggcgaac	840
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aacgcggatg	tgggttttgt	gattgccaac	agtaatggcg	tgccgctgac	gccaacaac	960
ctgaccagca	aaatcccgtt	ccgtctggac	gacagcgctc	aggcacaggt	ggggatccgc	1020
gcgtggcccg	tcagcgtgac	cggtaaaaaa	cctgccgagg	ggcgttttac	ctctcgcggc	1080
tatttacgcg	tcgactacga	ctaa				1104

<210> 552

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 552
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 atgaaactca gcaacattgc ttctactgtt attgcaactc tggccctggg cgcggttgcc 120
 gctcacgcag aagatccggt agcgctgtga tctgtaaacg gtggtacggt gcatttttaa 180
 ggtgaattag tgaatgccgc gtgttcagt g aatactgaac tcttcagagc agacggttaa 240

<210> 553
 <211> 498
 <212> DNA
 <213> Enterobacter cloacae

<400> 553
 ccgtcgcgat gctttgcgct ttgctcccct gcacacgcag agatggcgct tggggaaatt 60
 aacattcagt tatacggcaa tatagtggat tttacttgcg tggcggaggg ggacgacagc 120
 aataaaaccg tcacgatcgg cacttggtccc acgaaacagc tccgcacaac ggggagccgg 180
 acgcagcctg tgctgttcac cctgaagctg accggatgcc cgccggggggc agcttcggtc 240
 acatttacgg ggaagatgga cgggcatgat aacagcctgc tggcgctgaa tgatgccagc 300
 gcggccagca acgtgtccgt ggagatcctt gaccgggata aaacgcgcct cgcgttgacg 360
 caggccagcc agacggtggc ggtggatgcg cagggaatg cagaactgtc gttttatgcc 420
 aattatatcg ccacggcgga taatccgcag ccgggcccgg ctgacgccga tgcaacgttc 480
 atgatcaatt ataattaa 498

<210> 554
 <211> 503
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (273)

<400> 554
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 gattacgccg ccacagcctg ttggccccgt acctgacacc atacatgttt ttccgcgccg 180
 atgattatga tgctcgcttg ttttgtaaa cggctggccc ttttcattgtg cttgcacgcc 240
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 gcaaagagt gttttcacgg gatgaatggc cgatcttaca ggcgttgta cagggtagct 360
 ccttgctgca gatcgcgag ttacagaacc gcccatatag ctgcattatt tacagtctca 420
 gctgcatcct ggcgaaaact ggactgaatt atcgatcatg gttgctacat cttctcaaca 480
 acctctcaga tttcacgtat taa 503

<210> 555
 <211> 276
 <212> DNA
 <213> Enterobacter cloacae

<400> 555
 cagcggcgct cgcttctgac aaaatacagg caatcccccc tttctaactg tacagacgga 60
 atcttctctc tgatggcagc aaagattatt gacggtaaaa cgattgcgca gcagggtgcg 120
 tctgaggttg cggaaaaagt gaaggcgcgt aaagccgccg gatttcgcgc ccccggtg 180
 gccgttgtgc tgggtggcag caaccgggt tgcgaaattt atgtcggcag caaacgcaaa 240
 gcgtgtgaag aggtggggtt cgtctcccgc tcttag 276

<210> 556
 <211> 636
 <212> DNA
 <213> Enterobacter cloacae

<400> 556

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gaagtcctgc	tacagaaaaa	taaaaacatc	caggtcaaac	tgaagtcagg	cgacagccac	120
gaagtgcctg	actgtatacg	caaccacccc	attgacctgg	tcattctcga	tattgaaatg	180
acggacacgg	atgggttcgt	attactgaaa	agaatcagga	acttaaataa	agacattaag	240
gttcttttcc	tctcttcaaa	atctgaagcc	ttgtacgcag	gacgcgccat	ccgcgccggg	300
gataatgggt	ttgtcagtaa	gcgaaaagat	ctgggggaaa	tttataacgc	gggtggaaatg	360
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tatctggcga	acggattatc	taataaggag	attgcggatc	aattattact	tagcaacaaa	540
acaattagtg	cccataagtc	taatatcttt	tccaagctgg	gcgtgcaaag	tatcgttgaa	600
ttaattgatt	acgcgaaagc	gcacgaatta	ctgtaa			636

<210> 557

<211> 753

<212> DNA

<213> Enterobacter cloacae

<400> 557

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aacgcgatat	tgaacgggtt	gagtccttta	cgctgacga	taccgatgac	gggggttgag	120
tgggcggata	aataatttcta	tttacgggaa	ggttcaagcc	acatcgccgg	tcgctggaag	180
acacaacccg	ttcagctggc	gatgctgaac	atgatgacaa	acgatgcgat	caaaatcgta	240
tctatccgta	aatcagcagc	cctcggttat	acaaaagtga	tggtcgttgc	gctgctgtat	300
tttgcagagc	ataagaagcg	cagctcggtc	gcataccagc	ccgtagatga	tgaggctgaa	360
gggttcgtat	ctgatgaaat	agatccggcg	atctgtgaga	tgccggttat	acaaaaaata	420
ttcccggatt	gggacagcag	caacgaacgg	aacaatatca	aacgaaagga	aatgtcaggc	480
gcaatcctgg	attttcgcgg	agcaaatagc	ccagggaatt	ttcgtcgctt	aactaaacag	540
gtcgtcgccg	gtgatgaagt	cgacggctgg	ccgcttgaag	tctcgaagaa	aggcaagggc	600
gaagggtcgc	cgattgaact	ggctctggta	cgtattaagg	gcgcgtcata	cccgaagcc	660
attttcggct	ctactccgac	cgttaccggc	aaaagccaga	ttgaaatgct	cgaggatggc	720
gccgatctgg	tcttcgggtt	ttatctgcct	tag			753

<210> 558

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 558

ggagcagtta	tgacaacaga	aagctgtcag	ccggatgatt	ttttcgtcgg	tcctgacgtg	60
acaacaacta	ccggtatcat	ggcttcgggt	gtgaatatcg	cgaaatatac	accgcgtcatg	120
attgatgcaa	ctgccgggac	ttttaaatcg	tgggatggta	cgccaggaaa	agcagtgggt	180
attacagcaa	tggcagtcga	tgccagcgct	ggccaggtcg	agttttcgtg	ctacaacgga	240
ggcacattcc	gtgccagtta	tctgaactgg	tcagctgatg	cggtgaagcg	aaaatcagca	300
tttgccggaa	cgccggtgag	catccaggaa	taa			333

<210> 559

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 559

ctaaacaggt	cgtcgccggg	gatgaagtgc	acggctggcc	gcttgaagtc	tcgaagaaag	60
gcaagggcga	agggtcgccg	attgaactgg	ctctggtacg	tattaagggc	gcgtcatacc	120
cgaaagccat	tttcggctct	actccgaccg	ttaccggcaa	aagccagatt	gaaatgctcg	180
aggatggcgc	cgatctggtc	ttccggtttt	atctgcctta	gcgcgcaggc	ggcgtcaaat	240
gagctggctc	gcgtaatgtc	gatcatcggc	tgtgaagaag	cgaaaggcg	cgagcagcag	300
gcgcgatgcg	ttgccgcgat	tcctggtcat	acgctggatc	aggctaaagc	ggctcctggca	360
gcagcgccgc	aaaccgccca	ggcgcgcact	gaaacagcgc	ttgatgcgct	gatgacaaaa	420
gagtcgcccg	aagcgggtgg	ttatatgccc	gctcaacaca	atcactctgc	agacggttct	480
gcagcgaaaa	tttcaactct	ggttcaagca	ggtaaatcac	ttattgagga	gcagttatga	540

<210> 560
 <211> 1035
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 560
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 cagccgcttt tcctgagcct ctttttttaa gagacgtata cgttcgatac tgaagacgtt 120
 tttctcgaca aaattcccgg cgaagtgtcg atggccgttt actgttcgcc actgatcaca 180
 ggcaaagtgc acagaacgcg tgggttttaa acgacgcact tcaaaccggg ttatacaaaag 240
 ccgaaacaca cagtcaatcc gcataccgtc atcaagcggg ctgccgggtga gcatatcggc 300
 cagcctaataa cgcctgcaga acgtcgcgca gaaattatta tgcaaaacct gaaggatgaa 360
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 tacacgatct ccgggccgaa tatcgatacg acggaaatcg atatgcagcg cagcgttgca 480
 aataatatcg tgcagtcggg cagcactgca tggtcagcac aaaacaagga cacattcgat 540
 ccgagcaacg atatcgaaga gtatgcagag catgcctccg gcacgatcaa cgttatggtt 600
 ctcgatggaa aggcctggaa gacgcttaaa agcttcaaac tgttccgtga agcgtggat 660
 acgcgtcgcg gctcgaacag taagctcgag ctggctctta aaaacctggg cgacgtggtg 720
 agctttaagg ggtactacgg tgacacagcg gtgatcgtct ataaggcca gtacattgac 780
 ccgatacaa aagccaaaac gaaatatatg cctgacaaca cgatagccct gggtaattta 840
 cagtcctaaag gttatgcac ttatggcgcc gttcaggatg aagatgcgct tcgtgagggt 900
 attacagaag cgaccgcta tccgaagatc tggactacta ccggcgaccc gtcaatcact 960
 cagactatga cgcaatcagc gccagcaatg gtcttgccag acgctgacgc gtttgtcatt 1020
 gtaaccctcg cataa 1035

<210> 561
 <211> 444
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 561
 gagccgaaag gctctttttt ataccggag acaaaaatgg ctaataaaac agaactgctg 60
 gcgcgtatca gtgattttaag cgcgcagctg gggcgtgagc tttcaacaac tggcacaat 120
 gaggcgtgc aggcggttat agacagtgtc gaagctgagc tgaagctact gaatgaagat 180
 gacggcgaaa cgtgccccct gcagccgctg ccgggtgggt caaattcagg aacgctgctg 240
 actgccagct ctctgacga aaatgatgaa gctgatgcag acggcgctgc gtatcgactt 300
 gtgaaattac gcgcgacgct tcatgtcgtt cattacgtta atcaaaagcc ggtgcgtgaa 360
 atcgtccctg ctggtcagtc aatctacgtt gatccggaag aggcgcggtt gctcatcgct 420
 gcaaatacag tctacgcgct atga 444

<210> 562
 <211> 990
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 562
 tttcttatcg tggcatttga agcatcacga atagcaaagt aggtctccat gattaagcaa 60
 aaaaccatca aaaatattgt cgaactaagt ggtattggtt tacatagcgg cagcagcatt 120
 catatgaaaa tcatgccgcg taccgctaata agtggcatac ggttcgtag aacagattta 180
 aatccttcag ttgatattca gtttcgagct gagcaggttc atgacaccat gctggctaca 240
 agtctaatta atcctcaagg tattagggtt tcaacgatcg aacatttcct ttctgctgta 300
 tccagtctgg ggattgacaa tctcctggta gaactggatg cacctgagct cccatactt 360
 gatggaagcg caagagaatt tattgattct cttatcaacg ctggttcgat agaacagtgt 420
 gcacttaaaa aatatcttct tattaataaaa actgtgtcag ttaaagacgg tgataagtgg 480
 gctcttttac atccggactc taagttttcc gtggatttca cgattgattt caagcatcct 540
 ttaatctcgg ctgatactaa taaattaaat attgaaatgt cgaaagaaaa atatatagaa 600
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 gggcttgtac taggggctgg tttgaacaat cggataggtc tcgatgaata tagcgtcctc 720
 aatcctgaag gtcttcgttt taataatgaa ctagttcgtc ataaagtact tgatgcaatt 780
 ggagacctct ttgtttctgg gtataatatc atcggtgctt accatgcata taaatctggc 840
 catgctttaa ataataaact aatgcttgct ttattaaatg ataccgatgc atgggaattc 900

gttaatttgc atgattacag cagggggaaa cttaaagtta atatgttgcc tgcgattaat 960
aaagaatgcc cagtatcatt aactatctaa 990

<210> 563
<211> 453
<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (17)

<400> 563
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ggggtttctgg ccaaaatgat tcgttattat gaggaggcag gattaattcc ttctgtctct 120
agaaccgcag ctggataccg gatatacaaa gatgtagatg tctataaatt acattttata 180
cgccgttgcc gagagctcgg tttttctctg tctcaaacgg gagatcttct ctctctttgg 240
ggaaatcatt cgcgccagag tgcggatgtg aaaaaattag ttgaatcaca tataaatgat 300
ttgacttcaa aaatagaaga acttcagcgt attgcatcga cccttacaac gctttcagat 360
tggtgcgccg gtgatgataa accagattgt ccaattctga gggcactgta tctggcggag 420
acttcgcgta aggacaagga aaatagtcct tga 453

<210> 564
<211> 933
<212> DNA
<213> Enterobacter cloacae

<400> 564
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tttatgctga tagcgggtgc cttagccttc tttcaattgc cactcagcga atatccttct 120
gtaactcccc caacagtgca ggtgactgca agttatcctg gggcgaatcc taatgttata 180
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<212> DNA
<213> Enterobacter cloacae

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<212> DNA

<213> *Enterobacter cloacae*

<400> 566

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<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 567

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<211> 291

<212> DNA

<213> Enterobacter cloacae

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<210> 569

<211> 2382

<212> DNA

<213> Enterobacter cloacae

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<211> 279

<212> DNA

<213> Enterobacter cloacae

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<210> 571

<211> 921

<212> DNA

<213> Enterobacter cloacae

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<211> 573

<212> DNA

<213> Enterobacter cloacae

<400> 572

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<210> 573

<211> 282

<212> DNA

<213> Enterobacter cloacae

<400> 573

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<210> 574

<211> 2100

<212> DNA

<213> Enterobacter cloacae

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<210> 575

<211> 945

<212> DNA

<213> Enterobacter cloacae

<400> 575

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<210> 576

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 576

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<210> 577

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 577

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gactcgctca	agtgtttttt	ttcgaacacc	ccccgatga	tggcaaacct	gatgactgtc	180
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<210> 578

<211> 606

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (59)

<400> 578

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<210> 579

<211> 303

<212> DNA

<213> Enterobacter cloacae

<400> 579

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aac						303

<210> 580

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 580

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ctggggaaag	accgccagcg	cgacgggtgcc	agcgttcttc	aggggaagcc	ggaggaagtc	180
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gttctgatgc	ccggactcga	taaagaccac	tacaccgtgc	tgtgggttga	gcaccgggac	360
aaggggccgg	ctggagctga	acttcctgat	cccaaaccac	ggaactgctt	gacggcaaac	420
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<210> 581

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 581

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cgccagggtta	acgccgggtg	cagtagcggt	ctcgaccgcg	tgaggtcgt	cgccgcgctg	360
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<210> 582

<211> 993

<212> DNA

<213> Enterobacter cloacae

<400> 582

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<210> 583
 <211> 1185
 <212> DNA
 <213> Enterobacter cloacae

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<210> 584
 <211> 912
 <212> DNA
 <213> Enterobacter cloacae

<400> 584
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<210> 585
 <211> 1032
 <212> DNA
 <213> Enterobacter cloacae

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<210> 586

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 586

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ctgattgttg ctcaactccac cgtgtacgag ccagtgcgta aagaagtga gggctacgtg 180
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<210> 587

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 587

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gtggctggga ttgtaggaga gtcgggctcc ggtaagtcag tgagttcgct ggcgattatg 180
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<210> 588

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 588

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<210> 589

<211> 717

<212> DNA

<213> Enterobacter cloacae

<400> 589

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<210> 590

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 590

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<210> 591

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 591

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<210> 592

<211> 276

<212> DNA

<213> Enterobacter cloacae

<400> 592

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gcgattgtcc	tgctgatcac	cgcccttggtg	gcgtatccct	taacctactg	gccgcataaa	180
gcgctggcgc	aattttattct	gtcgtcgaa	acgaaaggca	acgcagggat	cacgtcttca	240
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<210> 593

<211> 1428

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (713)

<400> 593

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<210> 594

<211> 1863

<212> DNA

<213> Enterobacter cloacae

<400> 594

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<210> 595

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 595

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<210> 596

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 596

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cagggtaacg	gcttcaaaac	tctggctgaa	ggccagaacg	ttgagttcga	aattcaggat	180
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<210> 597

<211> 1779

<212> DNA

<213> Enterobacter cloacae

<400> 597

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<210> 598

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 598

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<210> 599

<211> 425

<212> DNA

<213> Enterobacter cloacae

<400> 599

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<210> 600

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 600

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<210> 601

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 601

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<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 602

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<210> 603

<211> 3627

<212> DNA

<213> Enterobacter cloacae

<400> 603

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 <211> 570
 <212> DNA
 <213> Enterobacter cloacae

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 <212> DNA
 <213> Enterobacter cloacae

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 <211> 990
 <212> DNA
 <213> Enterobacter cloacae

<400> 606

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<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 607

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<210> 608

<211> 1236

<212> DNA

<213> Enterobacter cloacae

<400> 608

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<210> 609

<211> 896

<212> DNA

<213> Enterobacter cloacae

<400> 609

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<210> 610

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 610

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<210> 611

<211> 1629

<212> DNA

<213> Enterobacter cloacae

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<210> 612

<211> 1332

<212> DNA

<213> Enterobacter cloacae

<400> 612

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<210> 613

<211> 396

<212> DNA

<213> Enterobacter cloacae

<400> 613

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<210> 614

<211> 1089

<212> DNA

<213> Enterobacter cloacae

<400> 614

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<210> 615

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 615

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ggcgatgttc	ctgatgttgt	acaagagtct	tttattaagg	cctatcgcg	gctggattca	240
ttccgggggg	atagtgcctt	ttatacctgg	ctgtatcgta	ttgcagtcaa	tacggctaag	300
aattatttgg	ttgctcaggg	ccggcgctcc	ccttcaagtg	atgttgacgc	tatcgacgca	360
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<210> 616

<211> 915

<212> DNA

<213> Enterobacter cloacae

<400> 616

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<210> 617

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 617

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<210> 618

<211> 1557

<212> DNA

<213> Enterobacter cloacae

<400> 618

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<210> 619

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 619

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<210> 620

<211> 861

<212> DNA

<213> Enterobacter cloacae

<400> 620

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<210> 621

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 621

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<210> 622

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 622

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<210> 623

<211> 282

<212> DNA

<213> Enterobacter cloacae

<400> 623

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gccggaacaa	cagccgcgat	gctgggattc	gctcccaaaa	tggcgctggc	tcaggcacgc	180
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<210> 624

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 624

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tgggacgacg	ctttctcccg	aattgcaaaa	ctgatgaaag	cggatcgcca	cgccaatttt	180
attgagaaga	acgagcaggg	catcacggta	aaccgctgga	cctccaccgg	gatgctgtgt	240
gcctctgcgg	caagtaatga	gaccggcatg	ctgacgcaaa	aatttgctgc	ctccctcggc	300
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<210> 625

<211> 2460

<212> DNA

<213> Enterobacter cloacae

<400> 625

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catccgggtg	ggttccgctg	ggcgatggaa	gcgaaaaaca	acaacgatgc	gacgctgatt	180
gtcgtcgatc	cacgctttac	gcgtacggca	tcggtggctg	atatctatgc	gccgatccgc	240
tcaggtagcg	atattacgtt	cctttccggc	gtactgttgt	acctgatcga	aaacaataag	300
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gatccgtcag	gcctgggtaa	cacctggggc	tgggcatggg	cgtggccgtt	aaaccgccga	1740
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ggctttgaag	gggtagcgca	gaaaggctac	atcgccaata	ccctgacgcc	aaacgtcggc	2400
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<210> 626

<211> 717

<212> DNA

<213> Enterobacter cloacae

<400> 626

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gtagtcatct	gcttcttcc	ggtggcggtg	tcggcgtat	cgttcttctt	cccgcagcta	180
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cctgacaagc	aggatattcc	gtggctaaaa	gggattgttg	aggttctgaa	aggcaacgag	360
cataaagtcg	cgaaggtggg	gaaatacaac	gccgggcaga	agatgatgtt	ctggaccatc	420
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cactatttcc	cgattcaggt	agtgcgttat	gcgctgctga	tccacgcgac	ctcggccatt	540
attctgatcc	acgccattct	gatccatattg	tatatggcct	tctgggtgaa	aggatcgatt	600
aaaggcatga	ttgaaggga	ggtgagccgc	cgcgtggcgc	aaaaacacca	tcgcgcgtgg	660
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<210> 627

<211> 270

<212> DNA

<213> Enterobacter cloacae

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<400> 627

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gctgaatttg	gcatcatggg	cgtgctgaca	gaactggccc	atgatacggg	catttcgatt	180
ccctctgccg	gaaatatgat	ttcgtttttac	ccttttggcg	ttgtgatcng	cgcgccatt	240
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<210> 628

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 628

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ggctgtaagg	cctgccaggt	ggcctgctcg	gagtggaaacg	atatccgcga	cgagggtggg	180
cactgcgtag	gggtctatga	caatcctgct	gatctgagcg	ccaagtccctg	gacgggtgatg	240
cgcttttagcg	aaaccgacca	gaacggcaag	ctggagtggc	tgatccgtaa	agacggctgt	300
atgcactgtg	aagatccggg	ctgcctgaag	gcatgcccg	ctgccggggc	aatcattcag	360
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gcgggttgctc	cgtttaatat	cccgcgtctc	aataaagagg	ataaccgggt	ctataaatgc	480
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gataagctca	aagcgcgcg	ctatgacaag	gccgggattt	ataacccgca	gggcgtgggc	660
ggcacgcacg	tcattgtatgt	tctgcaccac	aatgaccagc	cggagctgta	tcataatctg	720
ccgaaagatc	cggcgatcga	tacatcaatc	aacctgtgga	aaggggcgct	taaaccgctt	780
tcagcggcgg	gctttatcgc	cacctttgcc	gggctgattt	atcactacat	cggtatcggg	840
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<210> 629

<211> 297

<212> DNA

<213> Enterobacter cloacae

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 atcactcttt atgacgttgc ccgcgtggca ggcgttnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nggtccggca ggccatggcg 180

gcgctacact	atgtgcccac	ccgtggcgcg	cagcagctgg	ccgggaaacg	cacccgcacg	240
ctggggccga	tcaccagtnt	ttacctagcg	gccgggacga	tccaacgatt	gcaactc	297

<210> 630

<211> 453

<212> DNA

<213> Enterobacter cloacae

<400> 630

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ctcacatcgc	tgcccgtgcg	catcacccctg	ctggtttccg	gcattgtggg	taacgccctt	180
gccaccggga	tgatatcg	cgcggtttt	ggcgaggcc	cgcgcgacgg	cctgatgacc	240
ggcatacacg	cccggctggg	ctggctgatc	cgacgcgtgc	gtaccgcgat	cgaggtgact	300
gtgttgatcg	tcggctacct	cctcggggga	gcgtttggcg	ttggaaccgt	gctgtatgca	360
ttaaccatcg	gcccgtgat	ccagctctgt	ttgccgtggg	ttcgccagag	accgcgcatt	420
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<210> 631

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 631

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cgagatattg	aaaataatta	tcgccattat	gataataacc	atctggaaaa	attgttattt	180
atccgacgct	gtcgtctctc	cgatatgacg	catgaggaaa	tccgcgcatt	actactggca	240
atcaataata	acggtaaaga	atgtggacct	attgacgcga	taatcagtgc	ccacctcgct	300
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gatgtttgca	atgcagaccg	tagcgtagac	gaatgtggga	tagtccaaaa	actgacagct	420
gaagatgaag	atagagacct	tcctctaact	gtaccaccg	accatctggg	aggcgtacat	480
tag						483

<210> 632

<211> 468

<212> DNA

<213> Enterobacter cloacae

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gctcccaatg	atatccatcg	cctgattttt	attcgaagcg	ctcgcgacct	cggttttct	180
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caaatggcag	acacactcag	agtgttaatc	caaagttgcg	cgggagatga	acgagctgaa	360
tgtcctattc	ttcatagatt	aacgattgct	gatgatataa	gtcattcggg	taaacgagaa	420
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<210> 633

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 633

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atcgtccaat	gggtcgaaaa	ttcactgaca	tctactttac	ttgtggagga	aattgcagaa	120
aaatctggct	attctcgatg	gcattttcaa	cgcattttta	aacacgcaac	cggaattgcg	180
ttaggtgaat	atgttaaacc	cgacgattac	ctgtgctgcc	gtagagttga	aactaactac	240
ttaa						243

<210> 634
 <211> 1641
 <212> DNA
 <213> *Enterobacter cloacae*

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 tgtgttggtgac gagtcgaagc cgccttaacg aaagttgagg gtgtggaaag cgtaagtgtg 180
 aatcttgcaa ctgagcgtgc agacattctc ttgaatacac ctggtgaaag tatggcgcta 240
 atcaaaagcaa ttgaaaatgt gggttatgag gttcccctaa cttctgttga attgtcagtc 300
 cagggcatga cgtgtgcacg gtgcgtaggg cgtgtcgaaa aggcgcttag agctgttgaa 360
 ggtgtaaaag atgcaacagt taatttagcg actgagagg ccactatacg tggagtagcc 420
 ggaactgatg acctgattgc ggctatcgag aaagttggct acgaagccag cctgggtgat 480
 acccgtggcc agaataatgt tgaggccgct gaaaaaaaag atgctgaaaa ggctgcattg 540
 aagaaagatt tagttctggc gaccatactt gcactaccag tctttattat ggaaatggga 600
 tcgcatctga taccgggaat gcaccaatgg ataattgata ccattgggct ccaggaaagc 660
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 aatgatgtag tccttgatga cattatcgaa gttcgaccag gtgagcgagt gcctgttgat 1080
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 ttgaggttgc gtgcaacagc cgttgggtgg cagacgatgc tgtcgcaaat aatccgaatg 1260
 gtagagcagg ctgagggttc taaactacca atacaagcag tggtcgataa agtaacgctg 1320
 tggtttgctc cagtagtgat gctggcggct ttgttaacat tccttgccctg gttaacattt 1380
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 ggagttagcc gaagggtttg a 1641

<210> 635
 <211> 2556
 <212> DNA
 <213> *Enterobacter cloacae*

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 gtaaccata cacctgatcc gcttgaacct atcttggttg caattcgctc cttgggattc 660
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<210> 636

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 636

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<210> 637

<211> 866

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (21)

<400> 637

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<210> 638

<211> 681

<212> DNA

<213> Enterobacter cloacae

<400> 638

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<210> 639

<211> 2520

<212> DNA

<213> Enterobacter cloacae

<400> 639

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<210> 640

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 640

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<210> 641

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 641

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435

<210> 642

<211> 669

<212> DNA

<213> Enterobacter cloacae

<400> 642

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<210> 643

<211> 849

<212> DNA

<213> Enterobacter cloacae

<400> 643

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<210> 644

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 644

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<210> 645
 <211> 1767
 <212> DNA
 <213> Enterobacter cloacae

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<210> 646
 <211> 822
 <212> DNA
 <213> Enterobacter cloacae

<400> 646
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<210> 647
 <211> 414
 <212> DNA

<213> Enterobacter cloacae

<400> 647

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<210> 648

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 648

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gatggtgaac	tggttggcgg	atgcgacatc	ctgattgaaa	tgtatcagcg	cggcgaactg	300
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<210> 649

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 649

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gaccgccagg	ctggatgctg	ctgtgtgaga	tacgaccggt	gtgccacagc	tgaaccgcaa	600
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<210> 650

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 650

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<210> 651

<211> 2973

<212> DNA

<213> Enterobacter cloacae

<400> 651

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gtcaccatta	cgctgacgtt	cgagtcgggt	acggatcctg	atatecgcca	ggtgcaggtt	180
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<210> 652

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 652

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aacaacgcag	cgccgctttc	gatcaccggt	ttcgaaaagg	cagaccaacc	cggtgtcgga	180
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gcccgcata	acgtcgacag	tgagaagctg	cacgaccggc	aatttctgcc	ccgtattctg	360

ctgggtgaat	atttccacga	ccggtttctc	gctggtgctg	ccgagggcga	caacgctggg	420
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<210> 653

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 653

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aagcgacaag	atataaacgc	attaaagaat	tttgattttc	tggcacgcag	ttttgcccgt	180
atgtacgccc	agggccagcc	agttgatatc	gatgccgtga	ccggcaatat	gagtaataaa	240
cagcaggcat	ggttccggga	gcgatatgac	cactaccgaa	agcaggctga	gcgggcgaga	300
gtaatagaac	tgcgatga					318

<210> 654

<211> 522

<212> DNA

<213> Enterobacter cloacae

<400> 654

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ctgccgctta	aactcctcac	cgtcggtgat	ttcagtaatg	gaaaagagaa	tcgcccatta	180
tcggaaaggg	agaaaattaa	cgtaataaaa	aataaacttca	acagcgtaact	ttcggaattt	240
aaccgggaag	tgaatctgac	ggttcctaac	acaatggccg	gggatggctc	ggaagaaagc	300
ataaaaactga	atttctccga	tattaaggat	ttcgaacctg	aacagggttg	ccgccagatc	360
cccagctcc	gcgccatgct	ggccatgcgt	aatttattac	gcgacctcaa	atccaatctc	420
cttgataacg	ccactttcag	aaaagaactc	gagaaaattc	tcaaagaccc	ggcgctgtct	480
caggaattac	gcgacgaaat	gagtgcactg	gccccgaaat	aa		522

<210> 655

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 655

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tgctctggct	caaaagggtg	catagcacac	tgtacatcgg	atggctcgtt	tgtctgcaat	180
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cctacatgcg	cccctctcta	tatggccaac	aagcccggat	tcacccattt	acccatttgt	420
tcaggtaatc	agtattaa					438

<210> 656

<211> 543

<212> DNA

<213> Enterobacter cloacae

<400> 656

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ctgtttgccg	accgttttaa	ccgtatcgat	cgccttttta	gccagctaac	cggcagtagc	180
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ctgaatatca	gcggtaaacg	tgaagaggag	aaaaccgaaa	acggcggaaga	agggtggatc	360
catcggggta	tcagccgcag	cgacttccgg	gccagctata	gtctgccgga	gcatgtgaaa	420

gtgaccggcg	cttcgctgga	aaacggctta	ctggcaattg	aattacacca	ggatatcccc	480
gaagaagaga	aaccgcagcg	catcgccatc	aacaacaacc	cggcgattga	acataagccg	540
taa						543

<210> 657

<211> 669

<212> DNA

<213> Enterobacter cloacae

<400> 657

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tctcttaacg	ggaaactgca	taatattcaa	cgttcttttg	atgatatcgc	ttctggcagc	180
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gaaatcgccc	gttcgttatt	tatcagcgaa	aatacggtta	agacgcatct	ttataatctt	600
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aggcgtaa						669

<210> 658

<211> 450

<212> DNA

<213> Enterobacter cloacae

<400> 658

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aattttggcg	gcaacccgaa	taacggagcc	tttatgctta	accaggctca	ggctcaaaac	180
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cagcttcagt	taaatgtgac	agaccgaaaa	accggtaaaa	cgtcgacaat	ccagggtttcc	420
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<210> 659

<211> 450

<212> DNA

<213> Enterobacter cloacae

<400> 659

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<210> 660

<211> 867

<212> DNA

<213> Enterobacter cloacae

<400> 660

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atgcctcgtg	cccagagcta	tccgggatcct	acacatctgc	cgggtcccaac	cggaaagata	180
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<210> 661

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 661

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gaaacgtatc	tgctgcccgtg	ggttggcacc	ttcctgggta	aagtggaaagc	ccacgccact	480
tcgccattct	ggagaacgct	ggctccgctg	acgcgtgacg	ctatcgctgc	tatgtgggac	540
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<210> 662

<211> 579

<212> DNA

<213> Enterobacter cloacae

<400> 662

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aaaggcagcg	cgtggcgcgc	gcattgtgaa	atcctggggg	acgccatgac	cggcattgtg	360
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atgctggggg	tactgttttg	ctacgccatg	aagaacagcg	gcctctgggt	tgccggccga	540
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<210> 663

<211> 801

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (158)

<400> 663

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ggcgtggggc	tggtagagct	gcccattttg	atggtagaag	atcagctggc	ttcaggtgaa	660
cttggttcgg	tgctgaatgc	ctgggaaccc	agacgggaag	tgatccatgc	ggtgtatcct	720
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gcaaagatgg	ttgaagacta	g				801

<210> 664

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 664

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ggtctcatcc	ccccttacga	gaatataaaa	gaaaaaagcc	cgtactttcg	tacgagctct	300
catcatgaat	atggcgggtga	gggagggatt	cgaacccccg	atacgttgcc	gtatacacac	360
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cgggacgggc	gctaa					435

<210> 665

<211> 951

<212> DNA

<213> Enterobacter cloacae

<400> 665

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<210> 666

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 666

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gacttccttg	agtcgcgcgg	catggcgccg	attgatgaat	ttgccgatct	ttaa	774

<210> 667

<211> 1527

<212> DNA

<213> Enterobacter cloacae

<400> 667

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cccctgatcg	acggacttct	gggcgcaaa	gtgacggggc	tgttgctacg	ccgcgcagaa	180
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<210> 668

<211> 1104

<212> DNA

<213> Enterobacter cloacae

<400> 668

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ctgctgatgg	cgctggtgct	gttcacatctg	ctgatagttg	gcggcggtgc	gattaacctt	1080
gcggtacaca	gcctgttggc	ataa				1104

<210> 669

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 669

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ttcaccaaaa	accagcgcca	gtggcgcgca	gtccccctca	ccgcggaagt	gattgatgac	180
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cgcttcgagg	gtattccaat	ggtgctggaa	accatcaatc	cggatatctg	ggcggaagag	840
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<210> 670

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 670

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<210> 671

<211> 1557

<212> DNA

<213> Enterobacter cloacae

<400> 671

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<210> 672

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 672

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<210> 673

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 673

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<212> DNA

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<400> 674

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<213> Enterobacter cloacae

<400> 675

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<212> DNA

<213> Enterobacter cloacae

<400> 676

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<212> DNA

<213> Enterobacter cloacae

<400> 677

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<210> 679

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 679

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<210> 680

<211> 426

<212> DNA

<213> Enterobacter cloacae

<400> 680

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<210> 681

<211> 1206

<212> DNA

<213> Enterobacter cloacae

<400> 681

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<210> 682

<211> 1170

<212> DNA

<213> Enterobacter cloacae

<400> 682

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<210> 683

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 683

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<210> 684

<211> 1179

<212> DNA

<213> Enterobacter cloacae

<400> 684

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<210> 685

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 685

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<210> 686

<211> 1176

<212> DNA

<213> Enterobacter cloacae

<400> 686

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<210> 687

<211> 966

<212> DNA

<213> Enterobacter cloacae

<400> 687

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<210> 688

<211> 879

<212> DNA

<213> Enterobacter cloacae

<400> 688

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<210> 689

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 689

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<210> 690

<211> 666

<212> DNA

<213> Enterobacter cloacae

<400> 690

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gaacaaaaga	tccagaatgc	ccccgcctcc	atctctgtga	tttcgaaaca	gcagattgaa	360
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attgaacaag	gctggctgcc	gccgcttgag	tccattgagc	gcacgcaggt	catccgcggc	600
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<210> 691

<211> 612

<212> DNA

<213> Enterobacter cloacae

<220>

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<400> 691

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gccaggggaa	catccgtgcg	catgggaacc	cttgaccgcg	taggtacgaa	catccagttg	540
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aaaggagatt aa

612

<210> 692

<211> 1335

<212> DNA

<213> Enterobacter cloacae

<400> 692

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<210> 693

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 693

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aattattgagt	acattcatga	gtttgaaaaa	tcttttcgcc	acccgcgtaa	ctggggcgcc	180
tgataggcg	tatacgcggt	tgctggcatg	gcgtag			216

<210> 694

<211> 858

<212> DNA

<213> Enterobacter cloacae

<400> 694

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<210> 695

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 695

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ggcgtggcgt	tttgccaact	cctgtttgt	gaacaaatgg	gacaaccgca	ctatcgacca	720
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<210> 696

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 696

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attcagatcc	tgaacaaagt	gccgggtctt	gatcacaac	acaacctgca	aaccaccaag	720
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<210> 697

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 697

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tccgagcgca	aagtggctga	agttattctc	gccgcgcccg	ctcaggcgat	tcattcaagc	180
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gatgtcgtgg	tactcatctc	tcatacgggc	cgcaccaaga	gccaggtgga	gctggcgag	660

ctcgcgcgtg	acaacgatgc	gatggtcac	gccctgacga	cggcaggtac	gccgctcgcc	720
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cgccggggcg	caaaattccg	ggataacttg	aagcgggtca	aggaagccct	gaaagaatcg	900
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<210> 698

<211> 1554

<212> DNA

<213> Enterobacter cloacae

<400> 698

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cgatttctatg	ttcacgcaac	accaaagttg	tttcagtcaa	cggagtatta	catgtccaga	120
aggcttcgca	gaaccaagat	cgtcaccacc	ttaggcccgg	ccaccgaccg	cgataataac	180
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<210> 699

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 699

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gtcagcgacg	gcaagcctac	agaatcagac	tcaggctcgc	tgggctataa	agacgcaaat	180
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<210> 700

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 700

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gtcagaacgg	aactgaacga	aagcgagaag	agaatcagcg	ccgccatcca	cgaccacgac	180
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caggccatgc	tgtccgagag	gaacagcggc	gtgcagctca	cgacctgcgg	agaggaacga	420
cgccgctgcg	tgagggtgaa	cccggacgcg	ggacggttcg	gagaggattc	gagctggatg	480
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<210> 701

<211> 213

<212> DNA

<213> Enterobacter cloacae

<400> 701

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atgcaacggg	agaacgcagc	gctgagcgag	cgcgctacgg	acttgagcac	gcagggtgctg	180
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<210> 702

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 702

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gtcactgagg	cgctggaaag	cgcaggtttt	gaggtgggtc	gcaccacaaa	aagcagcatc	180
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tcttttaacg	ctggcgaaag	acttagagca	gaaatcgaaa	gtgcagcaac	agactaccgg	300
cgagatgctg	aaagccgcac	tcagcgagca	cgataa			336

<210> 703

<211> 708

<212> DNA

<213> Enterobacter cloacae

<400> 703

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aacgacatcg	aggcacaccg	ggagcaggag	cgcgcagcgc	agcaccagaa	agcgctggag	660
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<210> 704

<211> 3273

<212> DNA

<213> Enterobacter cloacae

<400> 704

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<210> 705

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 705

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gatgagccgg	atgcagctgc	gcggttcgcg	gaagtagagc	gcgttcttgc	agcgtcgaaa	1020
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<210> 706

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 706

accatgtcgc	aggtaatttt	taacgaagaa	tgggttgttg	gcgcaaggct	cacagaaaaa	60
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cattttaaac	gggtgtctcc	ttctggcgaa	aaaaccttgc	gtggcacaac	ctggtacaac	180
tatccgagaa	ttaatcagtt	aataagggat	gcgtaa			216

<210> 707

<211> 210

<212> DNA

<213> Enterobacter cloacae

<400> 707

ttcttcgccg	cctgtgctac	ctactggcgc	aaaaggggaa	tccagatgtg	taactcaacg	60
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tatcgcaacg	gcgcacagct	ggcgcgcaaa	gaaaaagaat	actgctctga	acgttgtgtc	180
tcgtacgacc	agatggccca	cgaggcataa				210

<210> 708

<211> 1251

<212> DNA

<213> Enterobacter cloacae

<400> 708

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gaaatttagc	cgaataccat	gcgtaagacg	cgcttacaac	tcggtacgtt	aatgcacatc	360
attaacggag	atagcctgt	ttcagctata	cgccacagcg	acattctgaa	atacagaaag	420
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<210> 709
 <211> 252
 <212> DNA
 <213> Enterobacter cloacae

<400> 709						
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ctcaacctgt	tgggttatct	cggtgcgttt	gtcatggttg	cgggcgcgat	gtattccgcc	180
attggtcatc	gtctctgggg	gcgttggcgc	aaaaatgaag	cggttgtaat	agtccccgc	240
tcaggcgaat	ga					252

<210> 710
 <211> 1191
 <212> DNA
 <213> Enterobacter cloacae

<400> 710						
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taccaccgcc	agcagctcga	agagctggaa	gcggaagaag	atgatgaaga	ctgggacgat	1140
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<210> 711
 <211> 366
 <212> DNA
 <213> Enterobacter cloacae

<400> 711						
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gttggttgctc	acggtcgtgg	cgagaaaagt	aaaatcgtta	agtttcgctg	tcgtaaacac	300
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gcctaa						366

<210> 712
 <211> 843
 <212> DNA
 <213> Enterobacter cloacae

<400> 712

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ccgggtgtaa	ttaccagctt	cagcgactgg	caactggcgt	gcctcatttt	ttgtgggctg	780
aatacgctgg	tcgggttatg	cgcgctggct	gaagccatgg	cgcgctggca	ggcacacagg	840
tga						843

<210> 713

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 713

caaatgcaag	ctattccgat	gaccttacgt	ggtgccgaaa	aactgcgcga	agagctggat	60
tttctgaaat	ccgtgcgtcg	ccctgaaatc	atcgccgcta	tcgcggaagc	gcgtgagcat	120
ggcgacctga	aagagaatgc	tgaataccac	gcgcgcgctg	agcagcaggg	tttctgtgaa	180
gggcgtatta	aagatatcga	agcaaaattg	tccaatgcac	aggttatcga	tatcaccaaa	240
atgccgaata	atggccgtgt	gattttttgt	tcaaccgtta	ccgtgctgaa	cctggacaac	300
gacgaagagc	agacctatcg	catcgctggg	gatgatgaag	ctgacttcaa	acagaacctg	360
atttcgggtg	actcgccaat	tgctcgtggc	ctgattggca	aagagcagga	cgatgtggtc	420
accatccgca	cccctgggtg	tgaagtggaa	tacgaaatta	ttaaggttga	atatctgtaa	480

<210> 714

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 714

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ctgggcgtta	agcgtttcgg	tggcgaatcc	gttctggcgg	gtagcatcat	cgttcgtcag	120
cgtggcacca	agttccacgc	gggtaccaac	gtaggttgcg	gtcgtgacca	cactctgttt	180
gctaaagcag	acggtaaagt	gaaatttgaa	gttaaaggcc	cgaacaaccg	taaatacatc	240
agcatcggtg	ctgagtaa					258

<210> 715

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 715

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gtagtctggc	tgtggcatga	gagccgcgag	cagatcggtt	ttctggtgaa	cgaaacgttg	180
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ggtcatttaa	cgctggagaa	cggcgctgag	ggcggcctca	tcgccagctg	ttgggttaccg	1080
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<210> 716

<211> 375

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(29)

<220>

<221>unsure

<222>(30)

<400> 716

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ctggcacatc	cgctcaagcc	tgtagtgatg	cttggcaaca	atggtttgac	cgaaggggtg	180
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gaagacagag	acactaaaaa	cctgatcgtg	gaagccatcg	tgcgcgaaac	cggcgcctgt	300
aatgtacagg	tcacgcgtaa	aacgctgggtg	ctctatcgcc	catctaaaga	gcgcaaaatc	360
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<210> 717

<211> 669

<212> DNA

<213> Enterobacter cloacae

<400> 717

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cagaaatga						669

<210> 718

<211> 1443

<212> DNA

<213> Enterobacter cloacae

<400> 718

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<210> 719

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 719

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<210> 720

<211> 768

<212> DNA

<213> Enterobacter cloacae

<400> 720

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gaaagcgaca	ttgtaccgtc	attaccggct	acgcaaatct	ttcaggagaa	ggcaaaaaag	720
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<210> 721

<211> 531
 <212> DNA
 <213> Enterobacter cloacae

<400> 721
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 cgtgaagcta tggccggtgc tcttggcatg tcagtaacgc agttcaacaa caacctgtat 180
 gagaagaatg gttgccggtt cttcgaaagt aacgagctgg aggccatgga agacatctcg 240
 aatacgtccc tcctggcgga ttactttgcc cgtcgccgtg gcgcgctgct ggtggacgtt 300
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 gcgcgtggac gtgttgatac cgtgatccag agagctctcg aagatggagt aatcgaacgt 420
 catgaagctg aagaaatcaa cgaatatcac cgccgtcatc tggcagcgcg tgaagaagag 480
 atccgcgcga ttgtcgcgct gtttagccgt aagaaaagcc aaaaaaagtg a 531

<210> 722
 <211> 570
 <212> DNA
 <213> Enterobacter cloacae

<400> 722
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 ggcttaacga acaaagagat tgcggcatca atgccacagt acgacgttca tgctgttcag 180
 cgcggtgtat gccatctggt caaactgaat cgcgcaaccc gccagcataa cggcaagtgc 240
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 accacaatga tggataaggc tcaaggcctg tttgaaaaag ggctctacca gcgggcagcc 420
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 tgtctggctg gccgagcgag gaatgtctga 570

<210> 723
 <211> 417
 <212> DNA
 <213> Enterobacter cloacae

<400> 723
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 aacacctact ggcgcgcccc aaataaggga ccgctaaagg gccgccattt gattagcgcc 120
 aaaggcaggg cataccaaag cgcggcctgt gtcgccattg tcgagcagct tcgcttcctt 180
 cccaaacctt caacggcacc tgctgccgtc gaaattatgt tgtaccacc agatgaacgc 240
 cgccgcgaca tcgacaacta caacaaggct ctgtttgatg cgcttacgca tgctggcatt 300
 tgggaggatg acagccaggt gcagagaatg ctggtggaat gggggcctaa agtgaatggc 360
 ggaagggtag agatatcgat aaccaagcat caaccagcaa tgggggtaat ggtgtga 417

<210> 724
 <211> 456
 <212> DNA
 <213> Enterobacter cloacae

<400> 724
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 tggggtaatt ggtcaaaata caaaatagaa gcagatgtag gttattctcc gattgcagca 180
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 atctttgatc attacgtaaa ggggtgttctg aagcgaggaa tcggccgtaa acttaagtta 360
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 gctatgttag atatcaggtt acaaatggac gagtaa 456

<210> 725
 <211> 936
 <212> DNA
 <213> Enterobacter cloacae

<400> 725
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 accacctccg gactggagcg tgacggcggtg cgctggattt ataacacaac agagcagtgg 180
 ctggagcagt tcccgttctg gtctgaatcc accctgaagc gcacattcac ccgcctgaaa 240
 aaccttggcg tactcaaagt tgatcagctg aacaagtctc agcgcgacat gaccaactat 300
 tacacgatca actacgaaag tgagctttta gatgaggtca aagtgaccaa atcgaagagt 360
 tcaaaatgca ctcttccatc aggtcaaaat gaaccgatgg aagaggtcaa agtggaacgt 420
 tccatcggtt caaaacgaac cgctctcatc aggtcaaatt gcaactgatgt tcttacagag 480
 aatacaacag agaatactac agatattaaa aaacctatct gtccggttgc accgcaacca 540
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 ccagcttacc tgaagtccgc taccaactgg gcgaatgccg gaaggccagc gcgtgttaac 840
 ggggaagtggg agcgtgagga tggaaatctt aaatccagct tcaagaacac cgagtacagc 900
 aaagtcccgg cgggcttcag aggagcgaac tcatga 936

<210> 726
 <211> 375
 <212> DNA
 <213> Enterobacter cloacae

<400> 726
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 ggcttcccac ctacgatgtt ggagcttgca ggattaattg gctgcgcac accgaatgct 180
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 gccaggggca ttaccgtcgt caaaacggaa tgggatgcag atccagtgc gatcatcaaa 300
 ggctgtctt ccggtggaga taaggccaga gataacgctg ttgaatggct gaaaaaacag 360
 ggagtgcagt tatga 375

<210> 727
 <211> 216
 <212> DNA
 <213> Enterobacter cloacae

<400> 727
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 gctgatcccg tggcatttga agcgaaatac ggcgaccagt taacgctgct gtttcggttt 180
 ttagatcgtg cgctggcaat cggcgtatta gcatga 216

<210> 728
 <211> 1446
 <212> DNA
 <213> Enterobacter cloacae

<400> 728
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<210> 729

<211> 1386

<212> DNA

<213> Enterobacter cloacae

<400> 729

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<210> 730

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 730

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<210> 731

<211> 1725

<212> DNA

<213> Enterobacter cloacae

<400> 731

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<210> 732

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 732

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<210> 733

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 733

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<210> 734

<211> 1557

<212> DNA

<213> Enterobacter cloacae

<400> 734

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<210> 735
 <211> 3840
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (1546)

<400> 735

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<210> 736

<211> 273

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (206)

<220>

<221> unsure

<222> (256)

<220>

<221> unsure

<222> (261)

<400> 736

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<210> 737

<211> 897

<212> DNA

<213> Enterobacter cloacae

<400> 737

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<210> 738
 <211> 633
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 738
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<210> 739
 <211> 588
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 739
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<210> 740
 <211> 759
 <212> DNA
 <213> *Enterobacter cloacae*

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 aacgtgctga tggatctgat gctggagatg tatatgcagg ggcagactct gctggcggtg 660
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<210> 741
 <211> 516
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 741

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<210> 742

<211> 912

<212> DNA

<213> Enterobacter cloacae

<400> 742

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gacggcggtga	aaacctggtt	catggaaaac	cagcttgacc	cgcgctcgtg	gaagcagatt	780
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ggcggcgtgg	cggacaccta	cgtcaaggcg	tttcgccaca	atgtggacac	cctcgctaac	900
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<210> 743

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 743

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tggctgaaag	agaaccgggc	ggcggcgaaa	gagattgaga	agaaggtgcg	tgaactcctg	1020
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<210> 744

<211> 240

<212> DNA

<213> *Enterobacter cloacae*

<400> 744

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gcctttccct	tcgccttgat	cccctccttt	tccgtgctcg	ggctggcgct	gggcgatctg	180
ctgttcgggg	ctgtcccttc	cgaaaccgtg	tttgccctggc	cggaatggg	agcctgggtg	240

<210> 745

<211> 330

<212> DNA

<213> *Enterobacter cloacae*

<400> 745

tttaatttta	aggtcaatta	ttacggagga	actatgatcc	attcatttaa	agacagacgg	60
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gcgattctgt	gtcgacttga	aacgctggat	aatgtccaga	gtgagcgggg	gttattatcc	180
aacagcttgc	gttatgaacg	cttaagaatg	acgtcaaacc	gttattcctc	cattcgagta	240
aactctaagt	atcgattatt	ctttgaatgg	aatgatggcg	cacataatgt	tcatttgtct	300
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<210> 746

<211> 1260

<212> DNA

<213> *Enterobacter cloacae*

<400> 746

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gccgaattgc	acgaactgaa	agaatttggg	tcagataaaa	ccagaaccag	cggcgtcaaa	180
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<210> 747

<211> 816

<212> DNA

<213> *Enterobacter cloacae*

<400> 747

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ttattccgtg	gtatggcggg	cgaactcacc	aacctgagga	caacggcgca	gcaggccgaa	180
gctgaggcgg	atttgctgga	cgttatccgc	aacgatccgg	atctgaacga	acaggcaaaa	240
aaccgcaggg	cagggtgaagc	ccgtaacccg	gacacgctca	aagactttac	ccgcgggggtg	300

gcagccgtaa	gcgagcaggc	cgcaaatatt	ctcgattacc	tgaagaacag	gctcgcctccg	360
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cgcatgaccg	gccttgatca	gttaagcgaa	catgtcagcg	cgatgctcaa	aggcagccag	780
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<210> 748

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 748

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aagatcttgg	gcgagccatg	gtttgtagcg	gcgatgtat	gcgagctct	ggaaaatagct	180
gatcacaagg	ttgcttttgcg	acgtcttgat	gatgatgaaa	agggggagtg	tttaataacc	240
acgcctggcg	gaaagcagac	tatgcgaact	gtatgcgagt	caggattcta	caaactgac	300
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ctgaacgact	tcagccggcg	catggctgct	taccagcagg	aggccagcaa	acgcggatat	480
aaattgcagc	aatgtaaggg	tgtaaaagag	gctcttgagc	gggaagagat	tcagttgtgg	540
cttaagtatc	agcccagagct	attgaaggaa	aatggcgatg	aataa		585

<210> 749

<211> 1881

<212> DNA

<213> Enterobacter cloacae

<400> 749

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aagaatgcac	caaaccttaa	aaagcagccg	gcgatctca	tggaggagtc	aattatcttt	180
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atggtgacta	acgttgaact	ttcggaaaagt	gcggaagact	ggttacctca	gacgcaccc	1860
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<210> 750

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 750

aaaacacaat	acttgttttt	cgaggattac	gctttgatag	atctatgggt	aaaatcaaag	60
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tcgatcgcgt	ttgttgaaag	tgagattgat	gcgtggataa	cccaacggat	tgaagagcga	360
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<210> 751

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 751

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<210> 752

<211> 2862

<212> DNA

<213> Enterobacter cloacae

<400> 752

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ccgggaatgc	tggcgcggtt	gaccgatgat	gacctgtacg	gcacattcgc	tgacgcaaaa	180
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<210> 753

<211> 549

<212> DNA

<213> Enterobacter cloacae

<400> 753

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accgggcaac	aggtgaccca	aaacaagcga	gcaatttgca	tgtctaaatc	cgtacagagc	120
aacagcgcg	ttctcgttca	ctttacgctg	aagctggatg	acggctctac	ggccgaatcc	180
acccgcaaca	acggcaaac	agccctgttt	cgtcttggcg	atacctccct	gtctgaagg	240
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gatgccgcgt	ttggcggtgc	aagtccggat	ctgatccagt	acttctcccg	tcgtgagttt	360
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ccgcttgccg	ggcgcaactg	ccattttgat	gtagaagtgc	tggagatcga	tccggcactg	540
gaggcctga						549

<210> 754

<211> 510

<212> DNA

<213> Enterobacter cloacae

<400> 754

gtttgcctga	tgagtaaaac	tctctgttca	acaggactgc	gctggctgtg	gctgggtgta	60
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gtggtgctga	ttattgattt	gggcagcaag	ttcctgatcc	tccagaattt	cgctctgggg	120
gatacgggtcc	cgctgttccc	gtcgcctaac	ctgcactacg	cccgcacta	cggtgcggcg	180
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aacatcgctt	acgcgctgat	cattggcggc	gcgctgggta	acctgtttga	ccgcctgtgg	360
cacggctttg	tggctgatat	gatcgacttc	tacgtcggcg	actggcactt	cgcgaccttt	420
aacctcgccg	atagcgcaat	atgcgttggt	gcggcgtaa	tcgtgctgga	aggcttcttg	480
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<210> 755

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 755

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tacggcgcg	cgattttacgt	gcgtcacgaa	gtggtgcaca	accgctacgt	ggtcgacagc	180
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gaagcgggtg	cgctggaagg	ccgcgaagag	aacattgtct	ttgaagtgcc	gaaagagttg	960
cgtattgacg	cgcgagaagt	ggaatag				987

<210> 756

<211> 384

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (276)

<400> 756

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ggtgaaacaa	ccttcagccg	tggctttttg	caggcgttag	gccataacgg	gaacgtaaaa	180
agcccacat	acacgctggt	ggaaacgtac	acgcttgaaa	atatcatggt	ggtccacttt	240
gatttatatc	gtcttgccgg	acccggaaga	gccgnaatt	tatggggatc	cgcgattact	300
ttgccaacga	cgccatctgc	ctgggtggagt	ggccgcaaca	aggtgcgggt	gtgctgcctg	360
accggtatgt	cgaaattcac	ttag				384

<210> 757

<211> 1368

<212> DNA

<213> Enterobacter cloacae

<400> 757

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ggcgatagcc	aggcccgcac	tacgttcagc	tttatgggag	atcctgaata	tgctttctca	180
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gatttacagt	tcggtcattc	tcagcgcgtc	gggtatgatg	tcgccactaa	cgtactgagc	1080
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ggtctgcgta	aatactttga	cgcgcacccg	cttcagctcg	cgccgcaggg	cggggcagcc	1320
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<210> 758

<211> 1818

<212> DNA

<213> Enterobacter cloacae

<400> 758

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gcgctggcca	gtatcagctc	cgtttcccgc	ttaacgttga	cctcccgcac	ggccgaccag	360
caggaagcct	ggcaggccta	cgccgaaggg	cgcgatatgg	acgtcacggg	taaacctgcg	420
gcgcacccgg	taggcaccac	gcttgaagtg	ctggatctct	tctataacac	gcccgcggcg	480
cgcaagttta	tgcgaaccga	gaagaccgaa	ttcggacata	tcgacgagat	catccgccgc	540
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cagtggatcg	cccgccatct	ggccagcgag	catgcaccgt	ggagtatggc	gcaggcgatt	1740
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<210> 759

<211> 324

<212> DNA

<213> Enterobacter cloacae

<400> 759

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gagtctttcg	atcagttcgt	gacctgtgtg	aaaaacacgg	tcagccagat	ggtctataag	180
cacgcgattt	ctactgttgt	tccgtcccgt	ccggtatctc	atcacagcaa	taacgctggc	240
ggcggcactg	gcagtaacta	tcatcacggc	agcaacgcgc	agggttcttc	aacaccagcg	300
caggacagcg	aagaaaccga	ataa				324

<210> 760

<211> 1692

<212> DNA

<213> Enterobacter cloacae

<400> 760

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cactgtttta	ttttttgccc	taattcattg	agatcgaggg	gctgtgacat	gacggaccat	180
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ctggccaccg	atcttttttg	cacgctgcgg	cgtgttggtta	acccggatgt	gattgacgta	1680
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<210> 761

<211> 225

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (34)

<400> 761

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ccggatgtcg	aaattcactt	agattaccag	gcacaagggc	gtgaggcacg	catcagtgcg	180
gtttcctcat	caggctgttc	cttactggcg	cgttttagccg	gttga		225

<210> 762
 <211> 954
 <212> DNA
 <213> Enterobacter cloacae

<400> 762
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 agcgttgatt cagccctcat ctaccgaggg atggacatcg gcacggcgaa gcccaacgca 180
 gacgaactgc gtgcggcacc gcaccgttta ctggatattc tcgaccggc acaggcttac 240
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 ggcgagattt catacgatga aatggtttat cgaggtgtt gcgccacgag acagttagcg 840
 aagcgccaga tcacctggtt acgcggttgg aagggggttc actggttaga cagtgaaaaa 900
 ccacaacagg cgttaaacga agtgattgag gttattggtg atatcgctga ctga 954

<210> 763
 <211> 372
 <212> DNA
 <213> Enterobacter cloacae

<400> 763
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 gccggtgtcg aagcaatgca ggtgattacc ggtagccgta aagcgccgca cccgaagtat 180
 tttgtaggtg aaggtaaagc agtaaaaatt gcggatgccg taaaagcaac cggcgcatct 240
 gttgtgctgt ttgatcatgc gctgtctccg gctcaggaac gtaacctgga agctctctgc 300
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 acccacgagg gt 372

<210> 764
 <211> 1251
 <212> DNA
 <213> Enterobacter cloacae

<400> 764
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 cccctcgatc tcaatgaatt agcgcaaaaa ataaaacagt ggggtgctga actgggcttc 180
 cagaaggtcg gtattactga caccgacctc tctgccagtg agcctaagct ccaggcatgg 240
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cttcaggcgc	tcgaaagccg	tagaggtgag	caccacacttc	ttgatgagca	catagaatgg	1140
gcgattgcgc	agcaaattga	gaagcgaaat	gcaggcgtgg	ttgaagtgca	gttaccgaag	1200
aaacagcgcc	tggtcagggg	gattgaaaaa	ggactgcccg	gggatgtgtg	a	1251

<210> 765

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 765

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aagaaaagtca	cctaccgtat	ccattttcaaa	cgcatcggtt	accgccgcct	gattatgggc	180
ctggcgagcg	gtgaagtgtg	ggtagatggt	cgctgatctt	ataccgcgaa	cgacctgaaa	240
gtgggtctgt	tccaggatac	ctccgctttc	tga			273

<210> 766

<211> 450

<212> DNA

<213> Enterobacter cloacae

<400> 766

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ggttttcagg	aacccttcca	gccagtcac	cgcttcgata	tccaggtggt	tcgtcggttc	180
gtccagcagc	agcaccttag	gcccgctcac	cagggcacgg	cccagcgccg	ctttacgcag	240
ccagccgccc	gagagcgccc	acagctccat	atccgcttcc	aggccaagct	gggccagcac	300
ttcattaatg	cggttttcca	gctgccacag	accgtggtga	tcgagcatct	cctgcacttt	360
tgccagctcg	ttgagattct	tgctgctcgg	gtccgctcatg	accagatgag	aaatctcgtg	420
gtaacgcttg	aggtattccc	cctgctctga				450

<210> 767

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 767

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tcaatcgctt	cgatatccag	gtggttcgtc	ggttcgctca	gcagcagcac	cttaggcccc	180
ctcaccaggg	cacggcccag	cgccgcttta	cgagccagag	cgccggagag	cgccgacagc	240
tccatatccg	cttccaggcc	aagctggggc	agcacttcat	taatgcgggt	ttccagctgc	300
cacagaccgt	ggtga					315

<210> 768

<211> 1257

<212> DNA

<213> Enterobacter cloacae

<400> 768

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ctgacgaccg	agtgggagcg	gccaaaggcag	cgctcctacg	cttatgcgct	ggcagcctta	180
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agccaggtag	atttactgga	aattcctggc	gtgatgttct	cggaagatta	cgccagcctt	300
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<210> 769

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 769

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tggattttcc	cccacgtgta	ccgcgctgat	cgggtcatgg	atcctgtttt	atcattacag	180
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<210> 770

<211> 579

<212> DNA

<213> Enterobacter cloacae

<400> 770

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gagtggctgc	tgaatcacca	gggtcagctg	attaagcgte	cttttcatct	tgaactcaag	480
cagcagaaag	atggctatga	cgaaatgggtg	aaagtacttg	cgcaggggatg	ggcacaggag	540
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<210> 771

<211> 2025

<212> DNA

<213> Enterobacter cloacae

<400> 771

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<210> 772

<211> 1908

<212> DNA

<213> Enterobacter cloacae

<400> 772

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<210> 773

<211> 1656

<212> DNA

<213> *Enterobacter cloacae*

<400> 773

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<210> 774

<211> 399

<212> DNA

<213> *Enterobacter cloacae*

<400> 774

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gaacaaagca	cgatgatgca	gagtttgtca	gcttatatca	atgaactaaa	tcaggtcgat	360
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<210> 775

<211> 1074

<212> DNA

<213> *Enterobacter cloacae*

<400> 775

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<210> 776

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 776

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<210> 777

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 777

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<210> 778

<211> 1539

<212> DNA

<213> Enterobacter cloacae

<400> 778

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<210> 779

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 779

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gtagtcgata	tgtgcgcagt	cttccccgca	ggtaaagaaa	ttgttttgcc	agaaatatcg	180
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<210> 780

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 780

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gcaagggcaa	caagcagcgg	tgctcgtgatg	gcaactactg	cgaaccaggt	tacgggggaa	180
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<210> 781

<211> 906

<212> DNA

<213> Enterobacter cloacae

<400> 781

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<210> 782
 <211> 843
 <212> DNA
 <213> Enterobacter cloacae

<400> 782
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<210> 783
 <211> 984
 <212> DNA
 <213> Enterobacter cloacae

<400> 783
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 cgtctgcgtc agctgggccc ccaggactgg ctaccgcgc tggcgtgac catgatgggt 240
 aatctgatct actacgtctg tctggcgagc gccattcagc gcaccggtgc gccggtgctg 300
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<210> 784
 <211> 699
 <212> DNA
 <213> Enterobacter cloacae

<400> 784
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gccatgtaca	acggcattaa	cgagatgatc	gacgatctga	tggaacacat	cagtcttgag	660
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<210> 785

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 785

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gagtatagcc	tgacgccgct	ggggcgggag	gtaagcgaga	aggtagccgc	gctggccgac	360
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<210> 786

<211> 1662

<212> DNA

<213> Enterobacter cloacae

<400> 786

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atggacgagc	acctggccga	tcgcctggaa	gagcagtacc	gcgtctactc	cgccacgctg	420
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<210> 787

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 787

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<210> 788

<211> 753

<212> DNA

<213> Enterobacter cloacae

<400> 788

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<210> 789

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 789

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<210> 790

<211> 936

<212> DNA

<213> Enterobacter cloacae

<400> 790

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<210> 791

<211> 1374

<212> DNA

<213> Enterobacter cloacae

<400> 791

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<210> 792

<211> 639

<212> DNA

<213> Enterobacter cloacae

<400> 792

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<210> 793

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 793

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gggcatccgg	ggatgaacca	ccaggtgaaa	actatcggcg	gggtacttgc	accagaatgt	480
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<210> 794

<211> 543

<212> DNA

<213> Enterobacter cloacae

<400> 794

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ggcattcgta	acggcctggc	gtttaaccag	tttgaagtgt	ttaacgatga	gctgggtaag	420
ccacgtctgc	gtttatgggg	cgaggcgctt	aagctggcgg	aaaagctggg	cgtggcgcac	480
atgcacgtaa	cgcttgca	tgaacgccac	tacgcctgtg	cgacggtgat	tatcgaaggt	540
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<210> 795

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 795

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aacggttgca	gcgccacaat	cgccacgctc	ccggtaatca	atgtggtcag	cagcgggttg	180
aggatcagtt	caatcgagcc	tggcagcaac	tcgcgtagct	ttttctcaat	ccagcacatc	240
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<210> 796

<211> 891

<212> DNA

<213> Enterobacter cloacae

<400> 796

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tcccagccc	atcgcgcg	acacctcagc	tcccagcagc	tggcaggcga	agccggggtg	180
agccagtcga	gcgtggtgaa	atttgcccaa	aagataggct	ataaaggctt	tccggcgcta	240
aaactggcga	tcagtgaagc	actggtgaagc	aaccctaatac	cgcagtcaat	gccggtgcat	300
aaccagatcc	gcggcgacga	tccgatgcgt	ctggtcggcg	aaaagctgat	caaagagaac	360
gtggcgga	tgcatgccac	gctggatgtg	aacacggaag	agaagctgct	ggaaagcgta	420
gccatgcttc	gcgacgcgcg	gcgtattgta	ttagaccgga	tcggtgcctc	cggactgggt	480
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gcgcatgatga tgctgacgga cctgctgttt atggcgctgg ttcagcagga tctggagcgt 840
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<210> 797
 <211> 819
 <212> DNA
 <213> Enterobacter cloacae

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<220>
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<220>
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<220>
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 <222>(33)

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 gacagcgtgc tgccggacct gcaaccgctg tttgagaagt acgccagga gattgactgg 180
 aagctgctgg cggcaatttc ctaccaggaa tcgactggg atgctcaggc cacctcccc 240
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 gaccggaccg atgcggaaca gagcatcagc ggcggcgcgc agtatattaca ggatatgatg 360
 gcgaaagtgc cggagacggt cccggaaggg gagcggatct ggtttgcgct agccgcctat 420
 aacatgggggt atgcgcataat gctcgacgcg cgggcgctga cggcgaaaaac caaaggtaac 480
 ccggacagtt ggtcagatgt aaaacagcgc ctgccgctgc ttagccagaa acagtggtag 540
 cagaagctga cgtatggcta tgcgcgcggt catgaagcgt atgcctacgt ggaaaatatt 600
 cgtaagtatc agataagcct ggtgggatat ctgctggaga aagaaaaaga ggcggccgag 660
 gcgcaacagc tggctgaaag ctatccggtg gtcgcaccgg aagagcttaa tcaccctgcg 720
 gtttcaattc tgctttttgt tgctttttct gctgccgacg cattcgaaaa aagtcactta 780
 acagaccgga acattctggt gcaagtaccc cgccgatag 819

<210> 798
 <211> 306
 <212> DNA
 <213> Enterobacter cloacae

<400> 798
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 atgggcgaca gcatttatga gattaacagc gaccgctgca ccgagtgcac tggccactat 180
 gagacgccga cctgccagaa ggtgtgcccc attcccaata cgatcttaaa agatccggca 240
 catgtcgaga acgaagaaca gctgtgggat aagtttgtcc tgatgcacca tgcggacaaa 300
 atttaa 306

<210> 799
 <211> 1548
 <212> DNA
 <213> Enterobacter cloacae

<400> 799

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ctggtgtctg	actctgcgcg	gcgcccgcact	tttttggtcc	atgattacga	aacctttggc	180
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ccgggcgcgg	tgatggtgac	gggcatcacg	cctcaggaag	cgccgggataa	aggcgttagc	360
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aatagctacg	cccaggagct	ggagatgctt	tacggtcagt	atgaaggga	tgctgagaag	1500
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<210> 800

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 800

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aagtcattaa	ccccttttga	aattcggtta	tacaaacatt	atcgcggtgt	gcacggttgc	180
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<210> 801

<211> 384

<212> DNA

<213> Enterobacter cloacae

<400> 801
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 cagcgcgaaa tccaggacgt agagaagaag atccgtgaca accagaaacg tgtcctgctg 180
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 gagctgtcca aagagcgctc cgacatctcc aagaagctga aagtgatggg cgaaatcaaa 360
 aacgtcgacg cgaaaggcga gtaa 384

<210> 802
 <211> 930
 <212> DNA
 <213> *Enterobacter cloacae*

<220>
 <221> unsure
 <222> (100)

<400> 802
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 ctcgagagcg atgttaatat ccaaatcggt gaccgcaccg ggcacgcgc gcgtttcacc 180
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<210> 803
 <211> 1182
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 803
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 catcagcagc gcaatccggc gagcctgacc aaacttatga cggggtacgt tgtcgatcgc 240
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1182

<210> 804

<211> 1371

<212> DNA

<213> Enterobacter cloacae

<400> 804

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gagagctcaa	tgggtgcttg	cctgatttgg	gcaggtatcg	gcctgggtta	cctggcctgt	1320
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<210> 805

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 805

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cagattgcag	caaaaccctg	cttcgaacgc	tatctgaacg	atggcaatgc	tgacggctac	480
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<210> 806

<211> 195

<212> DNA

<213> Enterobacter cloacae

<400> 806

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<210> 807

<211> 819

<212> DNA

<213> *Enterobacter cloacae*

<400> 807

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<210> 808

<211> 1551

<212> DNA

<213> *Enterobacter cloacae*

<400> 808

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<210> 809

<211> 759

<212> DNA

<213> *Enterobacter cloacae*

<400> 809

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attattaccc	ttggttttat	ctacggtgcc	tatttcaactg	agactttccg	cgcgcttac	420
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<210> 810

<211> 464

<212> DNA

<213> Enterobacter cloacae

<400> 810

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cgggataccg	tgtttatact	tcacccacca	cgccggtaca	gggtaaaatt	acgcgtatcc	360
tcgtggggcc	ggatgcgtcg	aaagataagc	taaaagggtc	gcttggcgag	ctgaagcaaa	420
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<210> 811

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 811

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<210> 812

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 812

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ggtgctcggc	atctgtttcg	gcgcgttgcg	aggcgtgctc	attgtggccg	cgatcctgtt	180
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<210> 813
 <211> 612
 <212> DNA
 <213> Enterobacter cloacae

<400> 813
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 ctgcacctgg gacatctgcg tttaatgacg caggcagccg aactgggggc cgtgattatg 480
 ccgcccgtcc ccgctttcta tcatcgtccg caaacgctgg atgatgtcat caaccagacc 540
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 cagggggcgt ga 612

<210> 814
 <211> 804
 <212> DNA
 <213> Enterobacter cloacae

<400> 814
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 gatctggcta acgagctgtg caaacgcatt aaagtgcaat gtacctacgt tgaaaacccg 240
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<210> 815
 <211> 717
 <212> DNA
 <213> Enterobacter cloacae

<400> 815
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 tttacggcgt ttggcattgc ggcagtgtc tatttgatca tttcttacgt cctgatcagc 660
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<210> 816
 <211> 927
 <212> DNA

<213> Enterobacter cloacae

<400> 816

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<210> 817

<211> 1164

<212> DNA

<213> Enterobacter cloacae

<400> 817

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<210> 818

<211> 999

<212> DNA

<213> Enterobacter cloacae

<400> 818

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<210> 819

<211> 1401

<212> DNA

<213> Enterobacter cloacae

<400> 819

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<210> 820

<211> 522

<212> DNA

<213> Enterobacter cloacae

<400> 820

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<210> 821

<211> 657

<212> DNA

<213> Enterobacter cloacae

<400> 821

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ttggggcagc	gcgtaaatat	cgaaattgat	cgcgagacc	aggcggtcgt	ggataccgtt	600
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<210> 822

<211> 1332

<212> DNA

<213> Enterobacter cloacae

<400> 822

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ggccccacac	gcaattgcgc	aaaagcaaaa	ccggcgagga	acaaactcaa	actggcgctg	180
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tcggtcgcca	aaaagcccag	cacgcttaag	ccgccgagcc	agactaaaaa	tcttttctctg	300
ggttgcactt	tttttctcct	gaggaggcag	gtgtacgttg	gcgcagagtg	tagggagtgc	360
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<210> 823

<211> 837

<212> DNA

<213> Enterobacter cloacae

<400> 823

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ttgcctgtta	tcgcccgggg	ggtggacgta	tctatccctg	cggccgggat	gttaattagc	180
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<210> 824

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 824

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gacatacgcc	agccgatggc	ttctcccagc	caggtggcgg	cggaacgcc	gccgatatta	180
gcgatggtga	ggccataaaa	catagtggct	accgcgtg	cctgcttatg	ttttggcacc	240
acgctggcag	caacaaccga	gccagtcgg	aagaaggcgc	catggttgag	gctggttaaga	300
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<210> 825

<211> 1395

<212> DNA

<213> Enterobacter cloacae

<400> 825

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gtaatggccg	gtggttacag	cgccaccgat	atggccgccc	tggcgatcgg	aacctcaatc	180
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<210> 826

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 826

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gcaatcaaa	aactgcacta	ctcgccaagt	gccgtcgccc	gcagcctgaa	ggttaatcac	180
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aacaacattg	aaaaacagcg	cgcttacctg	tcaatgatgg	cgcaaaagcg	cgctcgacggc	360
ctgctggtaa	tgtgttctga	ataccctgag	tcggtccttt	ccatgtttgga	agagtatcgc	420

cacattccga	tggtagtc	ggactggggc	gaggcgcgcg	cagacttcac	cgactccgtt	480
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cgtgaaattg	gcgtgatccc	gggtcctctg	gagcgtaaca	ccggtgctgg	ccgtctggcc	600
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gaaacggcct	tcaacatgct	gctggacagg	atcgtcaaca	agcgtgaaca	gtcccagtc	960
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<210> 827

<211> 1290

<212> DNA

<213> Enterobacter cloacae

<400> 827

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ctcggcgggt	taagcgtgct	gggctttttg	gcgaccgata	tgtatctgcc	cgcgtctgcc	180
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gttgcgctgg	cgggattggg	ttatcgcatg	cagtcctccg	cgcttcgcga	gcagaatgac	1260
aatgcacaaa	ccgaaacgtc	gcacgcctga				1290

<210> 828

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 828

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ggctcatccc	cctccgatcc	ccagataaag	catcccga	ttttcaaacg	cgtgttacag	180
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gcctgtgcgg	gcgcgttccg	tgcgcgggat	atacagctgt	ggcaggtggt	gttttagtcgt	1140
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<210> 829

<211> 1091

<212> DNA

<213> Enterobacter cloacae

<400> 829

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ttatttcagc	cacggatcat	tatgttttcg	ctctttcagt	ataaaaaaca	gggtaagacc	180
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<210> 830

<211> 624

<212> DNA

<213> Enterobacter cloacae

<400> 830

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<210> 831

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 831

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tcgcgcgcta	tcgaggatat	caacggttac	gataaccatt	ttcatctcgg	aatatgggac	660
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<210> 832

<211> 2601

<212> DNA

<213> *Enterobacter cloacae*

<400> 832

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<210> 833

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 833

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<210> 834

<211> 1740

<212> DNA

<213> Enterobacter cloacae

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<210> 835

<211> 660

<212> DNA

<213> Enterobacter cloacae

<400> 835

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<210> 836

<211> 1071

<212> DNA

<213> Enterobacter cloacae

<400> 836

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<210> 837

<211> 1668

<212> DNA

<213> Enterobacter cloacae

<400> 837

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<210> 838

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 838

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<210> 839

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 839

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<210> 840

<211> 618

<212> DNA

<213> Enterobacter cloacae

<400> 840

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<210> 841

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 841

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<210> 842

<211> 1440

<212> DNA

<213> Enterobacter cloacae

<400> 842

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<210> 843

<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 843

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cgacggaacc	tgccgccgcc	gtcaccatgg	ccggacgccc	gccgagcagg	gaaagggcga	180
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<210> 844

<211> 977

<212> DNA

<213> Enterobacter cloacae

<400> 844

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acgctgggaa	cgtatcttca	ggaattagag	ccgaactggt	ccatgaccat	ggtcgagcgc	180
ctcgatggcg	tggcacagga	aagctctaac	ggctggaaca	acgccgggac	ggggcactcg	240
gcactcatgg	aactgaacta	tacgcccgag	aaaaaggacg	gttccattag	tatcgagaag	300
gcggtagaga	tcaacgaagc	gttccagatc	tcacgtcagt	tctggctctca	ccagggtgaac	360
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tggggcgatc	aaaacgtcaa	cttcctgcgc	gcgcgctacg	ctgccctgca	acagagcacg	480
cttttcgcgc	ggatgaaata	ctctgaagat	cacgctcaaa	tcaaagagt	ggcgccgctg	540
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gcggacgact	acgccggctt	cccggttgcc	ggccagttcc	ttgtgtcgga	aaacccggaa	900
gtggttaacc	gtcatctgcc	gaaagtgtcc	ggtcaatatt	cgactacgag	gcggcaagac	960
cgcgtaagg	tggaaagc					977

<210> 845

<211> 1401

<212> DNA

<213> Enterobacter cloacae

<400> 845

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atcgcgcgca	cgaagcctg	cccctaccag	cgaattgtta	tgtcattacc	ccactcgtct	180
ttacctcaag	aaggccatgt	cgccactgtt	ttacgttcgc	ctcaccgtct	gatgcgcgaa	240
accctggccg	gtgtgattac	cgcgctggcg	ctgatcccg	aagtgatttc	gttttccgtg	300
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acggttggtg	caacggttta	caccggcaac	ctggcgattg	gcgtgctggg	cgggattgtg	1320
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tcgccagtc aagaaaaata a

1401

<210> 846

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 846

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ctggttgaag	tacgtccac	ctccgcccgc	gcgctggcag	agaaaaagca	gttaacacgt	180
cgtatcgagc	aggcgactgc	ccagcttaac	gagtggcagg	aaaaagcgga	actggcgctg	240
cgtaaagata	aagaagatct	ggcccgcgct	gcgctgattg	agaagcagaa	gctgaccgac	300
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gcaaactgga	tgaagcaatg	gcgcgtttcg	aatcgtttga	acgtcgtatc	gaccacatgg	540
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acctga						606

<210> 847

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 847

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tcacgcggtg	agctgtcgca	gagtgaacaa	cagcggtcgg	cgcagctctc	tgccgaggca	180
aataaaatgc	gcgaacgtat	tcaggcgctg	gaagccatcc	tggacgcgga	acacccaaac	240
tggagggaac	ggtaa					255

<210> 848

<211> 615

<212> DNA

<213> Enterobacter cloacae

<400> 848

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aatcgcgaga	aatgattca	ggcggcgcgg	aaggcatttg	ctgaaaaagg	ctatgccgca	120
gcgtcaatgg	atgaactcac	ggcaagcgtg	gggttaacac	gcggcgcgct	atatcataat	180
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gcaaacgcga	aagcgattgc	cgccgcccgc	gatgatgact	gggagcgact	gctggcgag	300
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gtcgcagccc	atctgctgaa	cggcgctgcg	ctgaatgcgg	ctctgcttat	tgccgcgagt	540
gatgaaccgc	agaagaccct	tccgcattgc	atagagggtg	ttactctgct	ggcaagcggg	600
ttacgcaacg	gctaa					615

<210> 849

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 849

aaacaaactc	agcgaaaccc	gtgcacgtca	acagggcgct	ggcgctgccc	caccagggct	60
gcaagctcgt	cccgcgacgt	gcgtcgccaa	ctggacagcg	gcaaactgga	tgaagcaatg	120
gcgcgtttcg	aatcgtttga	acgtcgtatc	gaccacatgg	aagcggaagc	cgaaagccac	180
agcatcggta	agcagaaaac	cctggatcag	cagtttgctg	acctgaaggc	cgatgatgaa	240
attagcgagc	aactggctgc	gctgaaagcc	aaaatgaaac	aagacaacca	ataa	294

<210> 850
 <211> 429
 <212> DNA
 <213> Enterobacter cloacae

<400> 850
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 ggaacggtaa tggctggact gaatctgaat aaaaaactgt ggcggatccc acagcagggc 120
 atggttcggg gcgtttgccc cggtctggcg cactatctgg atgtcccggg aaaactgggtg 180
 cgtgtgggtca ccgtattgtc gattttcttc ggtctggcct ttattacact ggtggcatac 240
 atcattctgt cgtttgtact cgatcctatg ccggaagggt agctgaatgc tgagaacacg 300
 ccaaccagca gagatctcct gaacgcgggt gatgaacagc tgagcgcagg ggagaagcga 360
 ttgcgcgaga tggaacgtta tgtcacctcc gataccttta cgctgagaag tcgttttcgt 420
 cagctttaa 429

<210> 851
 <211> 237
 <212> DNA
 <213> Enterobacter cloacae

<400> 851
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 aaaatcgcag gtaaaactgg tctgatgacg gcgttacgtt atggcccggc cgggtgtggcg 120
 gggtgggcga tcaagtctgt tgcccgaag ccggtcagaa tgatgctggc ggtcgcctctg 180
 gagccgctgt tacagaaact ggcaaaacgc gtttcccggc gctacctgtc acgctag 237

<210> 852
 <211> 996
 <212> DNA
 <213> Enterobacter cloacae

<400> 852
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 cgctgggacg gcccttttat ttcccttaac tgcgcggcgt tgaatgaaaa tctgtctgac 240
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 cggctccgttt accggcatgg cagcagcgag accgaactgg acaacattat tctcgatccg 780
 tttcgtcgcg aggataaaca gccccggct ccggcgacgc gccagcagga tccggcggtg 840
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<210> 853
 <211> 990
 <212> DNA
 <213> Enterobacter cloacae

<400> 853
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 gccccgcttc agggctcctc cctctgggac gcctggctgt tctgggttaa tggcctgcta 180
 cactgggatt ttggcgtgtc cagcattaac ggacagctca tctccgagca gctgaaagtg 240

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tccctggtca	ttattgttaa	cgttgtttcc	gatatttttg	gtgccatggc	caaccattg	960
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<210> 854

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 854						
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<210> 855

<211> 1761

<212> DNA

<213> Enterobacter cloacae

<400> 855						
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<210> 856

<211> 906

<212> DNA

<213> Enterobacter cloacae

<400> 856

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caataa						906

<210> 857

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 857

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<210> 858

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 858

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ggaaaaatca	cccggggccga	atacaacagt	accatgggat	atdddgttga	agtaacggga	180
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<210> 859

<211> 1341

<212> DNA

<213> Enterobacter cloacae

<400> 859

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<210> 860

<211> 2496

<212> DNA

<213> Enterobacter cloacae

<400> 860

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<210> 861

<211> 573

<212> DNA

<213> Enterobacter cloacae

<400> 861

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<210> 862

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 862

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<210> 863

<211> 3177

<212> DNA

<213> *Enterobacter cloacae*

<400> 863

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<210> 864
 <211> 402
 <212> DNA
 <213> Enterobacter cloacae

<400> 864
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<210> 865
 <211> 2715
 <212> DNA
 <213> Enterobacter cloacae

<400> 865
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<210> 866

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 866

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cgctgccttt	taccgctgaa	agtgtgtctg	tgcgaaacgc	ttgcaccgag	cgaggcgaaa	240
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gcgggcgata	cccaggcggc	cggcgcgctg	ggcagtcact	tctcctgctt	ccgcgaacgt	720
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<210> 867

<211> 1377

<212> DNA

<213> Enterobacter cloacae

<400> 867

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<210> 868

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 868

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taa						423

<210> 869

<211> 1377

<212> DNA

<213> Enterobacter cloacae

<400> 869

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aaggatactc	gccgtcgggt	ttgggcaatt	gttggagcct	catcggggaa	ccttgtagag	180
tggtttgatt	tttacgtcta	ttcattctgt	tcactctaet	ttgcgcataat	ctttttccca	240
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<210> 870

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 870

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aaaccagact	tcctttttcc	atctttctgat	gcataccatg	acaaagcatt	tcgggacgaa	180
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gaagcagaca	ggatacaaaa	catccatctc	tttacgcttc	aggaaggagt	gtcattggcg	300
caatttaaa	aatgcagca	agaacgggtc	acactggttg	ttccctcttc	cctgcacaaa	360
aaataccctg	aagctgttcg	tccagaattg	atgactctgg	gacattttat	tgccaggctg	420
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<210> 871

<211> 1557

<212> DNA

<213> Enterobacter cloacae

<400> 871

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<210> 872

<211> 1644

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (253)

<220>

<221> unsure

<222> (264)

<400> 872

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<210> 873

<211> 1404

<212> DNA

<213> Enterobacter cloacae

<400> 873

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<210> 874

<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 874

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<210> 875

<211> 1596

<212> DNA

<213> Enterobacter cloacae

<400> 875

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<210> 876

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 876

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aatgcgatgg	tgcgtgactg	gaaaatgtgg	agtgcgtgaac	tgcagacccc	cggtgttgca	240
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<210> 877

<211> 1383

<212> DNA

<213> Enterobacter cloacae

<400> 877

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<210> 878

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 878

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<210> 879

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 879

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<210> 880

<211> 192

<212> DNA

<213> Enterobacter cloacae

<400> 880

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caagaaacaa	atttgttaca	acctgaagcg	cgatttgcat	ggttaaggtc	aaagaaagat	180
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<210> 881

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 881

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<210> 882

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 882

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<210> 883

<211> 1191

<212> DNA

<213> Enterobacter cloacae

<400> 883

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gttggattaa cccaaacgcc atggattggt gcggttaattg tgcttgctgc tttcctcctt 1140
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<210> 884

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 884

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<210> 885

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 885

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<210> 886

<211> 914

<212> DNA

<213> Enterobacter cloacae

<400> 886

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<210> 887

<211> 420

<212> DNA

<213> Enterobacter cloacae

<400> 887

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<210> 888

<211> 609

<212> DNA

<213> Enterobacter cloacae

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<210> 889

<211> 1554

<212> DNA

<213> Enterobacter cloacae

<400> 889

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<210> 890

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 890

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<210> 891

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 891

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caggatggca	tgctgctgaa	gacgctcgca	gatgaaatcc	gcaacgcgaa	acgtgcgggg	480
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<210> 892

<211> 1356

<212> DNA

<213> Enterobacter cloacae

<400> 892

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<210> 893

<211> 1266

<212> DNA

<213> Enterobacter cloacae

<400> 893

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cagtttacag	ccatcagtac	gctggctttt	gcggatgtgc	catcggtgca	gatgtgctat	1200
gccaatatct	tgttttcaac	cgcaacgcag	cgtcttgacc	acggggctgg	ggcatccgcg	1260
tgcggg						1266

<210> 894

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 894

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catcttttcg	cgtacctcaa	cgggcgcgat	aacgtcaatc	acatcaagga	tttgtttgat	180
aaccagctgg	caggcgacga	cgtcagatac	cagttcctga	tcggcgctca	ggtttttgtga	240

<210> 895

<211> 636

<212> DNA

<213> Enterobacter cloacae

<400> 895

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<210> 896

<211> 717

<212> DNA

<213> Enterobacter cloacae

<400> 896

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gcttttaaac	tccagcctga	gcaccaggta	gagtatgacg	gcaacccgct	gaccagcag	180
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gtggggctgc	atcgtgaacg	tatcggcgcg	attgaactcg	atccagacct	ggcgccaggg	660
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<210> 897

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 897

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<210> 898

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 898

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caaaagcgtg	ccggggagga	taattgcctg	gtggcgctca	aactgctcag	cccgagcgat	180
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<210> 899

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 899

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<210> 900

<211> 1776

<212> DNA

<213> Enterobacter cloacae

<400> 900

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<210> 901

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 901

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<210> 902

<211> 906

<212> DNA

<213> Enterobacter cloacae

<220>

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<222>(117)

<220>

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<222>(200)

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<221>unsure

<222>(295)

<400> 902

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tgcaggatgc	tatgggatta	tgtccgtttc	gattttggcg	acagcttggt	tcgcagcgcc	180

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<210> 903

<211> 1644

<212> DNA

<213> Enterobacter cloacae

<400> 903

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<210> 904

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 904

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<210> 905

<211> 363

<212> DNA

<213> Enterobacter cloacae

<400> 905

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<210> 906

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 906

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<210> 907

<211> 1488

<212> DNA

<213> Enterobacter cloacae

<400> 907

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<210> 908
 <211> 846
 <212> DNA
 <213> Enterobacter cloacae

<400> 908
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<210> 909
 <211> 726
 <212> DNA
 <213> Enterobacter cloacae

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<210> 910
 <211> 1536
 <212> DNA
 <213> Enterobacter cloacae

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<210> 911

<211> 1443

<212> DNA

<213> Enterobacter cloacae

<400> 911

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<210> 912

<211> 465

<212> DNA

<213> Enterobacter cloacae

<400> 912

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<210> 913
 <211> 375
 <212> DNA
 <213> Enterobacter cloacae

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<210> 914
 <211> 1302
 <212> DNA
 <213> Enterobacter cloacae

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<210> 915
 <211> 435
 <212> DNA
 <213> Enterobacter cloacae

<400> 915
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 ccaccatcac gagctgagct ggtaaaactc attgcggata tggggatcac ggtacgagcg 180
 ctgctgcgta agaattgtcg accttttgaa gcgttagggc tggcggaaga ccgctttact 240
 gacgagcagt taatcgattt tatgttgcat caccctgttc tgatcaatcg ccctatcgtg 300
 gtaacgccgc tgggtacccg gctatgccgc ctttctgaag tcgtgctgga tattcttccc 360
 gatgcgcaga aaagcgcgtt cacgaaaagag gacggtgaga aggtagttga tgaaaaagg 420
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<210> 916
 <211> 624

<212> DNA

<213> *Enterobacter cloacae*

<400> 916

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catctgctga	ttgatgacgg	taaacacggc	gcgaactgga	atcatcgccg	cgcgcttgag	180
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gattacgctg	tgggtgatgc	atgggggtgc	tcagtgatct	atccgtgtta	ctcgctggtg	540
gaccatgctg	acggcgaacc	ggttgagcgt	caccagact	cagcgccacg	cacagaacgc	600
cgccgggcgt	ggaggtttagc	ctga				624

<210> 917

<211> 486

<212> DNA

<213> *Enterobacter cloacae*

<400> 917

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acgccgaagc	atttcgacaa	gcaggggaaa	tactggttta	aacggatggc	cgacgagctt	180
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gcctggaaac	gtctgcgtgc	catgcttggt	gagttcggca	tgactccagc	cagccgatcg	420
aaagtgaatg	caaaaggtcc	tgaagcggtt	gatccgctgg	ccgagtttat	gaaagcgagg	480
gattaa						486

<210> 918

<211> 1326

<212> DNA

<213> *Enterobacter cloacae*

<400> 918

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gcttag						1326

<210> 919
 <211> 408
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 919
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 tcaggttatt gtcccaagca ccttaacgaa ggctggcagc agcatcagcg aggacagagc 180
 aggcacacgc gaggttatgg cagcaagtgg gacaggctgc gcccaatcgt tctcggcaga 240
 gataaacacc tttgtcagga atgcctgcga aatggaaggt atacacccgc tgagacgggtg 300
 gaccacatca ccgccaaagc aaatgggggg accgatgacc tgtccaacct cgaaagcctc 360
 tgcaagcctt gccacagggc gaagacagcg gtcgaaagac tcaaatga 408

<210> 920
 <211> 1770
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 920
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 cagcgttttc ttgacgatct ggcacacggc gaagagcgcg gtattttctt cagtgaaccg 180
 cgcgcgacgc acattctgaa tttctataat tttgtacctc acgtaaaagg cgactgggca 240
 gggcagccta ttgagctgat ggactggcac gttttcatcc tgattaatat ttttggtttc 300
 gtgatcccg cgtgtaacga ggaaacggga gaaaccgttt tgcgtaacga cggcagcggg 360
 cgtccagtaa tggttcggcg ctcccgtaaca gcagatgttg aggtggcccg taaaaatgcc 420
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 aacattttcc cgaataagtc cacaccagag gccaaaattg atggccctgc ggctttgttc 1680
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 ttcaataatc ccatcatggt aggtttctga 1770

<210> 921
 <211> 876
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 921
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 ggcgggatca aagctgcggc caccgacgat aacagtattt ctgtttttga tgtgatcgga 180

caggactact	gggggtgaagg	cgtaacagcc	aaacgtatcg	ccggtgcgct	acgggcgatg	240
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gcatttctga	tgatccacaa	ctgctgggtc	tatgcgatgg	gtaaccgcca	tgactttgcg	480
gaactggcac	agtctctgga	gccattcgat	aacgctatgg	cagacatcta	cgcggcgcg	540
tccggccttg	atatggcagc	tggtcagaaa	ctgatggatg	ccgagagtta	tatcggtggc	600
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<210> 922

<211> 1251

<212> DNA

<213> Enterobacter cloacae

<400> 922

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ccgggtctgg	taacgaaagg	cgcggcgcac	gttcgcgacg	ccatcgacct	caagcgaatg	180
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aaatggtgtt	acggcgcgct	cattgggggtg	atgtgtgtac	tgattcgcgt	ggtcaacccg	1140
gcttatccgg	aagggatgat	gttggccatt	ctgtttgcc	atctgtttgc	gccgctgttc	1200
gactacctgg	tcgtgcgcgc	caacattaaa	cggaggaagg	cgcgtggctg	a	1251

<210> 923

<211> 1227

<212> DNA

<213> Enterobacter cloacae

<400> 923

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gacgatccgc	agaatcagat	ccgtaccccg	gcaggggata	agctgcttaa	cacgctctcc	180
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gatccgcagc	cggaaagataa	ctggacaggc	tatacgggct	tcatccacaa	cgtgctgtat	1080
gaaaattacc	tcaaacagca	cccggcaccg	gaagactgcg	agttctatat	gtgtggtcca	1140
ccaatgatga	acgcggccgt	gattaagatg	ctaaaagatc	ttggcgtgga	agatgagaac	1200
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<210> 924

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 924

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ggcattattg	ccgtcagccg	tggcggctctg	gtaccggggg	cgctgctggc	acgtgagctg	180
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caggatacct	ggattgaaca	gccatgggat	atgggcgtgg	tcttcgtacc	gcctatctct	480
ggccgttaa						489

<210> 925

<211> 1449

<212> DNA

<213> Enterobacter cloacae

<400> 925

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aaaggactcg	atctgccaat	ctctggcggtg	cctgaacagc	acgttaccac	cggcgccagt	180
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<210> 926

<211> 879

<212> DNA

<213> Enterobacter cloacae

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 acgctgctgg tgggtgctgg actgtgtctg gtttgttcca ttgtcgtggc cggttctgcc 180
 gtagggttga aaccgctaca gcaggagcaa cgtgcgctgg ataaacagcg taacatcctg 240
 gccgttgccg ggctgatgca ggaaggcatg acgaaggatg acgtcgcagc ggtgtttgcc 300
 gaacgtatta ccgcacggct ggtggattta aaaaccgggg agttaatgga taaagacccg 360
 gcgaaatata accaggcgct ggcgctaaaa gatccgcaaa tgagcaccac gcttgacgcc 420
 tcgcaggatc cggcaggcat taagcgccgc agcaatgtcg cggagattta cctcgtccgt 480
 gacgagcaaa aacgcattca gaaaatcgtg ttgcccatct atggcaacgg tttatggtca 540
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 gggggcgcgc gtcccggcga tgaatttgcc gttgatggcc ttcccggcgc cagctcacc 780
 tcaaacggtg tgcagcacag ctttgatttc tggatgggtg aactgggctt tggcccttc 840
 ctgaagaatg tacgtgaagg agcgctgaat aatggctga 879

<210> 927

<211> 1068

<212> DNA

<213> Enterobacter cloacae

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 cgcggtgtca tcagcacgc caactatcct gctcgcaaat acggcgtgcg cagcgccatg 180
 ccgacagcga tggcgctgaa actgtgcccg catctcactc ttttgcccgg acgttttgat 240
 gcctataaag aagcatcgag ccacattcgg gagatctttt cccgctacac ctactgatt 300
 gaaccgttat cgctggatga agcctatctg gatgtcacc acagcgtgca ctgccacggc 360
 tccgccaccc tgatggcgca ggagatccgc cagactattt tcaacgagct gaacctgacg 420
 gcactggcgg gtgtcgcgcc ggtcaaatct ctcgccaata tgcctccga tttaaataag 480
 cccaacggcc agtacgttat cactccggaa gaggtttcgg cgttttttaa gacgctgccg 540
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<210> 928

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 928
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 agcggcaagc tgtttggcat tccggtgctg gatacggtag agaacggcgg ctggtatctg 540
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<210> 929

<211> 603
 <212> DNA
 <213> Enterobacter cloacae

<400> 929
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 aactgcgcca tttttggcgg tgtttccttt atggttcagc gtgattacaa cttcagtga 420
 tcggttggtg atggcttcgg ttccgggtatc ggctggatgc tggcgattgt taccatggcg 480
 gggatccgtg aaaaaatgaa atatgccaac gtacctgcgg ggcttcgtgg cttagggatc 540
 acctttatca ccaccggcct gatggcgttg ggctttatgt ccttctccgg tgtgcagcta 600
 taa 603

<210> 930
 <211> 216
 <212> DNA
 <213> Enterobacter cloacae

<400> 930
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 atctcttcca tcggaatgga aaaagtgtgc gattgtccgg aaccgtgcga tgcgcggaaa 180
 aagcggatgg ctgcgcgagc gcaacgcatt atttag 216

<210> 931
 <211> 558
 <212> DNA
 <213> Enterobacter cloacae

<400> 931
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 ctggctgacg acagcgttga acacggtccg ctggaagtgc tgctgaccat gactgaagaa 480
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<210> 932
 <211> 942
 <212> DNA
 <213> Enterobacter cloacae

<400> 932
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 ggcggctcact ccggcgggtga tattcacctg ggcctgggca acgccaacaa actgctggcg 180
 cgtttcctgg cgggccatgc cgctgaactg gatctgcgtc tgggtggactt caacggcggt 240
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 cgcaactctg acgtggcgaa aggcgtgggtg gaaacctccc tgaacgtggg cgtggtgacc 540
 atgggtgacg acagcgcaga gatcatctgc ctgatccgtt ccctgatcga cagcggtaaa 600

gagtacgttg	tgagcatgct	ggaatctctg	ggtaccctgg	cgggcgcgaa	aacgtctgca	660
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gaaacttatt	agcgactggt	caacagcacc	ccgaacattc	aggttattca	cgcgggctcg	780
gagtgtgggc	tggtcaagaa	accgtatccg	gatatggaca	tggtctccat	tgggccgacc	840
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<210> 933

<211> 1701

<212> DNA

<213> Enterobacter cloacae

<400> 933

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tacggcctgg	gcgatccgga	tctctatctc	aagatgatgc	tgcacctgac	gcaggggatg	180
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cagatcggcg	ggatgtaccg	cggtgaccgc	gcgcgtaaag	agacgctggg	tgagtacggg	780
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<210> 934

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 934

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ggcgaccgtt	gggcgctggc	gctggatgaa	ggcaaactgc	tgcccgccgt	gaatcagacg	180
ctggtggagt	tgaccacccc	gctggccgat	ggggacgaag	tgcccttctt	cccgccggtc	240
acaggggggt	aa					252

<210> 935

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 935

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gcaaccggtt	tgagttgctg	gcagataatg	ttgcatttac	tggtcgtggc	cgtactggtg	120
atgggctgga	tgagcggcac	gctgggtgct	gttggttag	ggttatgcgt	ggtttacggc	180
gtgaccgtgc	tgtcgatgct	gtttttacag	cgtcaccacg	acgcgcgctg	gcgtgaagtg	240
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tggtctgtgt	cacgcgtgct	gcaaaacaac	ctgctgctgg	ccctggcggg	tctggctatc	360
ctcgaggac	ccgcggtggt	gtcgttgctc	accaaagaga	aaaagctacg	cgatgtttcg	420
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<210> 936

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 936

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tggtctggcag	agcgcgatga	agacggcgcg	gtcgtgacgt	ttaccggaaa	agtgcgtaac	180
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aaatcactgg	cggccattgt	cgaagaggcg	cgaggccgct	ggccgctggg	acgcgttacg	300
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agcggccatc	gcgggagtgc	gtttgcggcg	ggggagtcca	tcatggatta	tcttaaaacc	420
aaagcgccgt	tctggaaacg	tgaagcgacg	ccggaagggt	agcgtgggt	ggaatcacgc	480
gacagcgata	agcatgccgc	cagccgttgg	taa			513

<210> 937

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<400> 937

aaatgcacga	taacatcggt	atgtataaat	ttatatagcg	aaaagcgaca	atggcggaagt	60
ggcgatttcc	acgtactat	cgccataacc	acgttttcaa	aactgaaaac	atacactcta	120
gccctggcgc	ctgtgtcgag	agatatggcg	ccctggccgt	ggcggaattg	ccaccagggg	180
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cgtgacgtgg	cgaactggcg	cgatgcgggg	ctgacggcga	tcaacgtcag	cgtggacagc	600
cttgatgccc	ggcagtttca	cgccattacc	ggtcaggaca	agttccgcca	ggtgatggac	660
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aaaaagcaga	cccatttctt	gcatcagggc	aacaccggca	ttactcagaa	cctgtcctat	1200
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<210> 938

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 938

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ctgcgcgagg	cggcacacga	agccggacac	cagattgttg	ataaagcgat	cgtcaaagaa	180
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atcttcgcc	tgccggggtc	gaccaaagcc	tgccgcaccg	cgtgggaaaa	cattattgcc	480
ccgcagctgg	atgctcgtac	ccgtccgtgt	aacttccatc	cccattttaa	gaaataa	537

<210> 939

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 939

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acgctggcga	tgattatcga	cggcagccat	cacaagggtg	atgtgtttgc	caccgcccgt	180
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tccgtggcgg	cgctgaccat	ctacgacatg	tgtaaagcgg	tgcaaaaaga	tatggtgatt	420
ggcccgggtg	gtctgttggc	aaaaagcggc	ggcaaatccg	gcgattttta	ggtagaaagc	480
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<210> 940

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 940

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<210> 941

<211> 1297

<212> DNA

<213> Enterobacter cloacae

<400> 941

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tgggcggggga	agtttatctg	ggtgggagg	gggggaaacc	cacacgggcg	gttggttag	180
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<210> 942

<211> 1155

<212> DNA

<213> Enterobacter cloacae

<400> 942

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<210> 943

<211> 918

<212> DNA

<213> Enterobacter cloacae

<400> 943

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tcggcgatgt	ttgagtaccg	ttttggcggg	aatggcgaac	tttcaggcca	taaccttggg	300
aatctgatgt	ttaaaggcgt	ggatcacctg	agcgtgcgcc	ctctggaagc	gatcaattta	360
attcgtaacc	tgctaaaagt	ggatgcgttc	ctgatcccaa	tgtccgaaca	gccggtagat	420
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attcaggcat	taggttag					918

<210> 944
 <211> 306
 <212> DNA
 <213> Enterobacter cloacae

<400> 944
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 ataaacattc ataagggtt cacagcattt aaccgccgct tcattttacc ggagctgctg 120
 gacgcggtac gcaccgtcag cgccgatatt gtctgcctcc aggaggtcat gggcgcgcat 180
 gaagtgcacc cgatgcattt cgaaaactgg cccgacacgc cccactacga gtttctggcg 240
 gataccatgt ggagcgatta cgcctacggg cgcaatgcgg tctacccgga gggggcatca 300
 cggtaa 306

<210> 945
 <211> 1344
 <212> DNA
 <213> Enterobacter cloacae

<400> 945
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 gcgacatctc tccgaccatg ccccactcag cgcggagatc cacttatgaa atgcacatgg 120
 caggaaggta accgtattac gctgctggaa aatggcgata actattatcc ggcggttttt 180
 gaggcgatta gccacgcaca gcagaaaagtc tttctggaaa cgtttatctg gtttgaagac 240
 gacgtgggca ggcagttgca cagcgcaactg ctgcatgccg ctcgctcgcg tataaaaaatc 300
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 cgtgtggatg agtccatggt gccgaaacgg agctgggtga acgtgggcat cggcgtgggtg 1200
 gtgttccact tccgtgcgca ctcccggcc atgtggggtt ggctgcccgc gcatacgccg 1260
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<210> 946
 <211> 717
 <212> DNA
 <213> Enterobacter cloacae

<400> 946
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 tgcacccgat gcatttcgaa aactggcccg acacgcccc aacagagttt ctggcgata 180
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 aacgcggtgc tgtcgctttt tccatcgag cattatgaga accgggacgt ctccgttggc 300
 gagagtga aaacgcgggt gttatactgt cgtatcaccc cccagagct cgattttccc 360
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 attttcaccc gcgcacggcg tcgtcccgcg cgaacgtttc cgggtgcgctt cccctgctg 600
 cgcttgacc gcattctacgt aaaaaatgcc cagccagca gcccgacggc gctggcttta 660
 ctcaactggc gacatctctc cgaccatgcc ccaactcagc cggagatcca cttatga 717

<210> 947
 <211> 717
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 947
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 atgctcgcca ggcgtcagcc tgatctgacg gtctgcatgg agcaggtcca taaacctcat 120
 aacgtctctg ctatcgctcg caccgcagat gccgtcggcg tgcatagaagt ccacgccgctc 180
 tggccaggcg cacgtatgcg taccatggcc tccaccgccg caggcagcaa cagctgggta 240
 tccgtgaaaa ctaccagac tattgggtgaa gcggtctcgc acctgaaagg gcgtggcatg 300
 caggttctgg caaccaacct ctctgctaaa gccgtggatt tccgtgagat cgactacacc 360
 cgtccgacct gtattttaat gggccaggag aaaacgggga tcacgcagga agcactggat 420
 ttggccgacg gggacatcat cattccgatg attggcatgg tccagtcact caacgtgtcg 480
 gtcgcctcag cgctgatcct gtatgaagcg cagcgccagc gtcagaatgc cggaatgtac 540
 gagcgagca acagcatgct gccggaagag gagcagcagc gcctgctgtt tgaaggtggc 600
 tatccggtgc tggctcgcgt tgcgaagcag aagaaattgc cttaccccca cgtcaacgcg 660
 cagggcgaaa ttgaagccga tgccgagtggt tgggtccacca tgcagtagcg gggataa 717

<210> 948
 <211> 2085
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 948
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 ctccccctgc gttacgaaga ccgtactcag ctttataaaa ttggcgatct gctgcccgct 180
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 gaagtacaac gccttgccg tcatattcat gaacgctacc ccgaacaggc ggcagcgcta 2040
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<210> 949
 <211> 1425
 <212> DNA
 <213> Enterobacter cloacae

<400> 949
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 cccccgctgc ctcaaaccct gtttgccgcc tgccagcacc tgctggcgat gttcggtgctg 180
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 cagtttgccc cggactgggt gaaaaacctg ctctcttccg gcacgcgcgc gggcggtatt 1380
 accgctatcg tgctgaatct cattttcccg cctgaaaaga actga 1425

<210> 950
 <211> 330
 <212> DNA
 <213> Enterobacter cloacae

<400> 950
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 gccgcgcgtc gcgctcgtca gatgcaggta ggcggtaaag atccgctggg accggaagaa 180
 aacgataaaa ccaccgttat tgcacttcgc gaaatcgaag aaggtctgat caacaaccag 240
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 gttaccgcta ttgctgaagg tcgtcggttaa 330

<210> 951
 <211> 1728
 <212> DNA
 <213> Enterobacter cloacae

<400> 951
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 tggggcgcat cgcaggtcag cagctggatc acggtgaata ccgattacga gctcaacttt 180
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<210> 952

<211> 2130

<212> DNA

<213> Enterobacter cloacae

<400> 952

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accgcccgtg	accgcgtgca	tctggcaaat	attatgcgca	agatccgcgt	gatgccggat	2100

gtcataaaaag tcacccgtaa ccgaaaactag

2130

<210> 953

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 953

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gaacccgtcg	ccggtgggtt	gctggtggcg	ctggccctgc	tgatactgaa	aaaaagcatg	180
ggctgggaaa	tcgattttga	tatgtccctg	aaagatccgt	tgatgctggc	cttctttgcc	240
actatcggcc	tgaacgctaa	cctcgcaagc	ctgcgttcgg	gtggcaagg	gctgggcgtg	300
tttctgattg	ttgtggtggg	cctgcttctg	atgcaaaacg	ccatcggc	cggtatggcg	360
tcattgctgg	ggctggatcc	gctgatgggt	ctgctggcgg	ggtcgattac	cctgtcaggt	420
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gaaatggtgc	cgaccgcgtt	tgaaaaaccg	gacgttggcc	gcagcatcac	ctcgcgtggtg	660
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atgcaggcga	tactgaacg	gttcgggtccg	tcgcacatgg	cgtttctggt	ggtgccgatg	1140
gtgggggcat	tcttcattga	tatcgtcaac	gcgctggtca	ttaagctcta	cctgatgctg	1200
ccgatgtttg	gctga					1215

<210> 954

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 954

gctcacgaca	aagttcagcc	aggcggcggt	aggacgtgcc	cccgggcgcg	taatgatctc	60
caccgtctgt	ccgctgaaaa	gcggtgcga	cagcggataa	ggctgcctgt	cgacgcgggc	120
acctacgcag	gcgtggccga	tatcggtatg	cacggcgtaa	gcgaagtcga	ccggtgtcgc	180
gcccgcaggc	agttcgacaa	tgcgcccttc	cggcgtgaaa	acgtaaatct	catccgggaa	240
gagatcggat	ttaacgctct	cgataaatct	aaacgagcta	cctgcgctct	gttgacgctc	300
cagcaggctc	tgcattccagc	gctgggcgcg	gatttgccgc	gtggtgctgc	tttcgccgcc	360
gtgctctttg	taagcccagt	gcgccgcgac	acccatctcc	gccatctgat	ccatatcttc	420
ggtacgaatc	tgcacctcaa	cagggacacc	gtgcgggcca	atcatggagg	tgtgcaaaga	480
ctgatatccg	ttcgcttttg	gaatggcgat	gtaatctttg	acgcgccccg	gacgcggctt	540
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<210> 955

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 955

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gcgctgctgt	ccagcaaagg	cgtaacgttc	aaggaaactgc	cgatcgatgg	tgacgcgatt	120
aaacgcgaag	agatgatcca	acgcagtgg	cgcacaacgg	ttccacagat	ttttattgat	180
gcgcagcaca	ttggcggctg	tgatgacttg	tatgcgctcg	acgcccgtgg	tggactcgat	240
ccgctgctga	gctag					255

<210> 956

<211> 1086

<212> DNA

<213> *Enterobacter cloacae*

<400> 956

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gctcttgcca	tcacgctggc	aagaaatggt	cacgacgtgg	tcctgtgggg	ccacgatcca	180
aaacatatcg	cgacgttgca	acacgaccgc	tgcaacgtgg	cgtttctccc	ggacgttccg	240
ttccctgact	ctctctatct	ggaaagcgac	ctcgcgaccg	cgctggcggt	cagccgcaat	300
attctgattg	tggtgccaag	ccacgtgttt	ggcgaagtcc	tgcgtcagat	taagccgctg	360
atgcgtgcgg	atgcgcgtat	tgtgtgggcg	acgaaggggc	tggaagcgga	aaccggacgt	420
ctgttgacgg	acgttgcccc	cgaagcgctg	ggaacagcga	tcccgcctgg	ggtgatctcg	480
gggccgacct	ttgccaaaga	gctggctgcg	ggcttgccga	cggcgatctc	gctggcgctc	540
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gtgtacagca	accctgattt	tatcggcgctg	cagctgggcg	gcgcggtgaa	gaacgtcatt	660
gccatcgggg	ctgggatgtc	tgacggcatc	ggtttcggcg	cgaatgcgcg	tacggcgctg	720
atcacccgtg	gtctgaccga	aatgtcccgc	ctgggcgaag	cgctcggtgc	cgatccggcc	780
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cgtaaccgcc	gctttggcat	gatgctcgga	cagggcagcg	atgtaaaaag	cgcgaggag	900
aagattggtc	agggtggttg	aggctatcgc	aataccaaag	aagttcgcg	attggcgcac	960
cgtttcgggtg	tcgaaatgcc	aataaccgag	gaaatttatc	aggatttgta	ttgcggaaaa	1020
aatgcgcgcg	aggcagcatt	gaccttatta	ggtcgtgcgc	gcaaggacga	gcgcagcagc	1080
aattag						1086

<210> 957

<211> 876

<212> DNA

<213> *Enterobacter cloacae*

<400> 957

atgaccagc	cagcgcagaa	ctggctggctc	attaactatc	gtctggagca	agcaatgccg	60
tgtgaagaac	tggatatcgt	ctggaataat	attaaagccg	aagcccagag	tttgcccgac	120
tgtgagccca	tgctggccag	tttctatcac	gcgacgctac	ttaagcacga	aaatctcggc	180
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attcgcgagg	tgggtgaaga	ggcctacgcc	gcagatccgg	agatgattgc	ttctgcccgc	300
tgcgacattc	aggccgtgcg	cacgcgtgac	ccggcggtgg	ataaatactc	cacgccgcta	360
ctgtatctca	aaggattcca	cgcccttacag	gcgtaccgca	tcggccactg	gttatggaat	420
gagggacgcc	gcgcgctggc	catctttctt	caaaaccagg	tttccgtgac	cttccaggtc	480
gatattcate	cggcgccgaa	aattggccgt	gggatcatgc	tcgaccacgc	caccggcatt	540
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gggtcggttg	tgctccagcc	tgtaccgccg	cacaccaccg	ccgctggcgt	cccggcgcg	780
atcgtcggta	agccagacag	cgataagccg	tcgatggata	tggatcagca	cttcaacggt	840
attcaccaca	ccttcgaata	cggcgacggc	atctga			876

<210> 958

<211> 459

<212> DNA

<213> *Enterobacter cloacae*

<400> 958

tcacttagtc	gggagttggt	accccccatg	caagaaatta	tgcaattcgt	tagccgccac	60
ccggttctga	gcatcgctg	gattggcctg	ctggctcgctg	tactgttcac	cacatttaag	120
ggactgacgt	ctaaaattaa	ggtgatcacc	cgcggtgaag	cgacacgtct	gatcaacaaa	180
gaggacgccg	tggttgtcga	tctgcgtcag	cgcgacgatt	tccgcaagg	ccatattgca	240
ggtgctatca	acctgctgcc	agcggaaatt	aaagcgaaca	acattggtga	gctggagaag	300
cataaagccc	agccgattat	tgttggtgac	ggcactggca	tgcaggcgca	ggaatctgcc	360
aacgcactgc	ataaagcagg	ctttgaaaac	gtaacggtgc	tgaaagaagg	catctccggc	420
tggagcgggg	agaatcttcc	tttagtgcg	ggtaaataa			459

<210> 959
 <211> 504
 <212> DNA
 <213> Enterobacter cloacae

<400> 959
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 atgactttcc agatccagcg catctacacc aaggatgtct ctttcgaagc gccaaatgcg 120
 ccgcacgttt tccagaaaga ctggcagcca gaggttaaac ttgatctgga taccgcatcc 180
 acccagctgg cggatgatgt gtatgaagtc gtactgctgt tcaccgtgac cgcctctctg 240
 ggccaagaaa ctgcgttcct gtgcgaagtt cagcagggcg gtatcttctc catcggcggc 300
 atcgaaggta accagatggc gcattgcctg ggtgcatact gcccgaaacat cctggttccc 360
 tatgcgctgt aatgcatcac cagcctgggt tctcgcggta cattcccgcga actgaacctc 420
 gcgccagtaa actttgatgc gctgttcatt aactatctac agcagcaggc tggcgaagggt 480
 gccgaacaac atcaggatgc ctga 504

<210> 960
 <211> 519
 <212> DNA
 <213> Enterobacter cloacae

<400> 960
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 cggcttatcg ctgtctggct taccgacgat gcgcgcggcg acgccagcgg cgggtggtgtg 180
 cggcgggtaca ggctggagca caaccgaccc cgcgcgaatc ttcgcgcgcg gtccgacttc 240
 aatattgccg aggattttag caccgcgcgc aatcatcacc ccttcacgaa ttttcggatg 300
 gcgatcgccg ctggtttttac cggtaaccgc cagcgtaacg gattgcagga tcgacacgtc 360
 atcttcgatc accgcccgtt caccgacaac aatgccgggt gcgtgggtcga gcatgatccc 420
 acggccaatt ttcgcgcgcg gatgaatatc gacctggaag gtcacggaaa cctggttttg 480
 aagaaagatg gccagcgcgc gcggtccctc attccataa 519

<210> 961
 <211> 1587
 <212> DNA
 <213> Enterobacter cloacae

<400> 961
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 attttcaacg ccaaaacccc ggttatggat gcgctatggg caaaacgtcc ccacaccctg 180
 attgatgcgt ctggcctgga agtgggtctg ccggatcgct agatgggcaa ctcagaagtg 240
 ggtcacgtta acctgggtgc gggcgcgtat gtttatcagg acctgacgcg cctggacgtt 300
 gaaatcaaa aacgtacatt ctttgccaac ccaacgctca ccggagcggg tgataaagcc 360
 gttgccgcag gcaaggctgt tcacattatg ggtctgctct ctgcgggcgg cgttcacagc 420
 cacgaagatc acatcatggc gatggtagaa ctggccgctg agcgcgggtg ggaaaaaatc 480
 tatctgcacg ctttcctgga tggtcgcgat acgccaccac gcagcgcaaa aggttctctt 540
 gaagcgtttg aagacaaatt tgccgcactg ggcaaaggcc gcgtggcgct catcattggt 600
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 ctgaccctgg caaaaggcga gttccagttc ccgaccgcgc ttgaaggcct ggaagcggct 720
 tacgcgcgtg atgaaaacga cgaatttgtg aaggcaaccg tgatccgcgc tgaaggccag 780
 gccgatgccg ccatggaaga tggcgatgcg ctgatcttca tgaacttccg tgccgatcgc 840
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 gtggcgaaga ttgatttcat ccagttgacc gaatatgcag cggatatcaa agccccatgc 960
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 cacaccggcg tgatggaagc agccgttaaa gcggttgaag cgctggacca ctgcgttgag 1320
 cagggtgcga aagcggttga atccgtaggc ggccaactgc tgattaccgc tgaccacggt 1380

aacgcagaac	agatgcgtga	cccggcaacc	ggtcaggcac	ataccgcca	taccaacctg	1440
cctgttccac	tgatttatgt	gggtgataaa	tcagtgaag	cagtggaag	cggcaagctt	1500
tccgacatcg	cgccaaccat	gttgtcgctg	atgggtatgg	aatccctga	agagatgact	1560
ggcaagccgc	tggtcatcgt	ggaataa				1587

<210> 962

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 962

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gcatccgccc	atgcggatga	ccgcgatcag	cttaaatacca	ttcaggccga	tatcgccgcc	180
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aagcaggaag	aggccatttc	cgccgccgcg	cgtaagctgc	gtgaaacaca	aaacaccctt	300
gcccagctca	ataagcaa	cgatgaaatg	aacgcgtcga	ttgcgaaact	ggagcgtcag	360
cgcgatgccc	aggagcggaa	ccttgctgca	cagcttgatg	ctgctttccg	tcagggtgaa	420
cacacaggcc	ttcagctgat	cctcagcgg	gaagagagcc	agcgaggtca	gcgtttacag	480
gcctatttcg	gctatcttaa	ccaggcgctg	caggagacca	ttgcgcagct	gaaacagacg	540
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tatgggctcg	tggtggtggt	tgaacacggt	aaaggcgaca	tgagtcttta	cggtacaaac	1140
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ggcagcagtg	gcggtcaggg	ccgcccgtca	ctctatttcg	aaattcgtcg	tcagggtcag	1260
gcggtcaatc	cacagccgtg	gttggggaaga	taa			1293

<210> 963

<211> 966

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (875)

<400> 963

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gaaaatcagg	tgctggcgat	gccgtcagcc	atctctgtcg	ccgtcctgcc	taatgcgcct	180
cacgcgcag	aaatggcgac	caaagcgcac	aatggcggcc	atcaggctct	tatccatctg	240
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caaattgttc	cgggcttacc	cgccgatatc	acgctgggtg	gtccgagcga	tctgctcaat	720
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agataa						966

<210> 964
 <211> 417
 <212> DNA
 <213> Enterobacter cloacae

<400> 964
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 gcgagaaacc aggctgggtga tgcattcacg cgcatacggg aacaggatgt tcgggcagta 120
 tgcacccagg caatgcgcca tctggttacc ttcgatgccg ccgatggaga agataccgcc 180
 ctgctgaact tcgcacagga acgcagtttc ttcgccaga gaggcgggtca cggtgacacg 240
 cagtacgact tcatacacat catccgccag ctgggtggat gcggtatcca gatcaagttt 300
 aacctctggc tgccagtctt tctggaaaac gtgcggcgca tttggcgctt cgaaagagac 360
 atccttggtg tagatgcgct ggatctggaa agtcatctcg gtgttatattt gttctga 417

<210> 965
 <211> 606
 <212> DNA
 <213> Enterobacter cloacae

<400> 965
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 ggcgggggtg ccgcacacca gggattgctg aaattctcgc tgggtggtcgc cgccgtcgcg 180
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 cttttgcaac gttttgccag gcatcaaaaag aaaattcgcg gcgccagcg gctgatccag 300
 cgacatcctt atctgtttgt gattgggtacc cgctttatgt acggttttcg catcattggg 360
 ccgatactga ttggcgcgag tcgtttacca ccgaaaattt tcctgccgct gaacattctc 420
 ggggcgattg cctgggcggt gattttcacc acgcttggtt acgcggggtg cgaagtgatt 480
 ggcccatggc tgcataatct tgaccagcac ctgaagcact gggcgtgggt gatcctgggt 540
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 gagtga 606

<210> 966
 <211> 432
 <212> DNA
 <213> Enterobacter cloacae

<400> 966
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 gcttcgctgc tgccgattac gatacccggc agcattatcg gcatgctgat cctgtttgta 180
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 cgctacatgg ccctgctttt tgtgcctatc ggcgttgggg ttatgcagta ttacgatgtg 300
 cttaaagcgc agttcgccc gattgtgggt tcctgcgcca tcagtacgct ggtggttttc 360
 ctggtcgtca gctggagttc acacattgtg catggcgaac gtaaggtcgt cggggagaaa 420
 acaaaaaaat ga 432

<210> 967
 <211> 360
 <212> DNA
 <213> Enterobacter cloacae

<400> 967
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 cagcgccgtg tgcgtgattt tcgtcgggtat cctgggcgcg gtgtttggtc atacgctgct 120
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 cgcgctgggc accgcacgct gcgcggaact ggattatcag gaaggggcat tcagctcgct 240
 ggcgctgggt atctgcggga ttatcacttc cctggctcgcg ccgtttatct tcccgattat 300
 tctggcagta atgggctaaa atttgcatg cgtcgcgcaa atttcatttt catttcataa 360

<210> 968
 <211> 894
 <212> DNA
 <213> Enterobacter cloacae

<400> 968
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 <211> 720
 <212> DNA
 <213> Enterobacter cloacae

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<210> 970
 <211> 765
 <212> DNA
 <213> Enterobacter cloacae

<400> 970
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<210> 971
 <211> 978
 <212> DNA
 <213> Enterobacter cloacae

<400> 971
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<210> 972
 <211> 537
 <212> DNA
 <213> Enterobacter cloacae

<400> 972
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<210> 973
 <211> 930
 <212> DNA
 <213> Enterobacter cloacae

<400> 973
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930

<210> 974

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 974

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<210> 975

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 975

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<210> 976

<211> 1431

<212> DNA

<213> Enterobacter cloacae

<400> 976

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1431

<210> 977

<211> 2559

<212> DNA

<213> Enterobacter cloacae

<400> 977

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<210> 978

<211> 237

<212> DNA

<213> Enterobacter cloacae

<400> 978

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<210> 979

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 979

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<210> 980

<211> 1614

<212> DNA

<213> Enterobacter cloacae

<400> 980

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<210> 981
 <211> 621
 <212> DNA
 <213> Enterobacter cloacae

<400> 981
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 attgataaaag agggccagca tgccttcgctc aatttcctga ttcagcatct gggttacagc 180
 tggttatatg gcacgttcaa tgatttcgat ggcacattta ctttcgacga gaaaaaccct 240
 gctgccgata aagtgaacgt caccattaat accaacagcg tcgacactaa tcacgccgag 300
 cgtgataaac atctgcgcag cgctgaattc ctgaacgtgg gcaaattccc gcaagctact 360
 ttcgcgtcga cagaggtgaa gaaagacagt gataaactcg ctattaccgg taatctcacg 420
 ctgaacggcg taacaaaacc tgtcacactg gatgccaaat taattggaca gggtgacgat 480
 ccatggggcg gaaaacgtgc tggctttgaa gccgcaggca aaattcatct gaaagatttt 540
 aatatcacca cggatttagg cccggcatcg caggatgtag agctgattat ttcggtggaa 600
 ggcgttcagc agaagtcata a 621

<210> 982
 <211> 957
 <212> DNA
 <213> Enterobacter cloacae

<400> 982
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 cagctgcctt atcccgcat tttccgcgat ggtaaagggc tgggtcgcat tgctcagcag 180
 tttatgaagc gtcgcgccag gatcgcgat cgcaaccttg agctttgctt tcctcagatg 240
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<210> 983
 <211> 1290
 <212> DNA
 <213> Enterobacter cloacae

<400> 983
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 ctactggcg ccgccttttag cctggtgatg ctttctctgc ccctctacgt tgagcagctc 180
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 cagaacgtct ggcagttcct gatattacgc gactcctgg gtctgctcgg gggatttatc 420
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ggcgtcgtgc	tgttcaacgc	cgtttattcg	tggctcagct	tatccccggc	gctacgccc	1260
ggcgcaataa	gacaacatcg	tgacggctaa				1290

<210> 984

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 984

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atctattcca	gccacacctg	gcacgtgaac	agccagatgc	cctcctgggtg	gctgacgctg	180
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gtgggcatac	cgatgttgac	ggccattccg	ctgctgacgc	tgccgcagtt	catcatgttg	360
cagcatgtta	aaggcaaggc	ggaaaactgg	ccgaatctct	ccttctatga	gaaatacaac	420
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<210> 985

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 985

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aacaccctgg	atgaagactt	tatcatcgac	accctgccgg	ggcacgacaa	caccctgctc	180
gtaaccgggc	tcagcgggtc	cggttttaaa	tttgccctctg	tgttaggtga	aatcgccgcc	240
cagtttgctc	aggggatagc	gccttcgttt	gatctcaagc	ccttcgcgct	ctcgcgcttt	300
gatacgataa						309

<210> 986

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 986

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agtcatttga	gaacggaaat	tcatatgcaa	tggcgtaact	cctcccgtcg	ctacgggaata	120
atatccatgt	gtttacactg	gctatttgca	attgccgtct	atgccatgtt	tggtctcggc	180
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gcgcataatc	cactctatgc	cctgctgttc	gccattttga	tcagcggcta	tctcatttcg	420
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<210> 987

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 987

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gccacgctgg	aagaagcaat	tgatgccgct	cgcaagagt	tcctcgccga	taatcccggc	120
attgaggaag	aagatgctga	cgtgcaacaa	ctcaatatcc	aaaaatacgt	cctacaggac	180
ggcgatatatta	tgtggcaggc	cgaattcttt	gctgatgaag	gtgaagatgg	tgaatgtctg	240
ccgatactga	gtgggtgaagg	tgacacaggcg	gtattcgacg	gcgactatga	cgaaattgag	300
ttacgtcagg	agtggctgga	agaaaatacgt	ctgcacgaat	gggacgaagg	cgagtttcag	360
ctcgaaccgc	cgctggatac	cgaagagggt	caggccgcag	cggacgaatg	ggacgagcga	420
tga						423

<210> 988

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 988

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cctgcggcgg	agaatactct	tccgggatca	ggaacagctt	ccagcgtttg	gtacgcaggc	120
caaccgtgga	acggctggag	atcaccgaca	caaacggcga	caggatcagc	gagaagacga	180
ttggcgccag	ccagaacagg	aaacgcagat	ccagccaggc	cataccaacg	gcccacacca	240
ggcccagcag	cagctgagag	ccgtggcgca	taa			273

<210> 989

<211> 1299

<212> DNA

<213> Enterobacter cloacae

<400> 989

agcaatagta	agctgatatt	ctaccacact	atgagcaaaa	cacattttaac	agaacagaag	60
ttttccgact	tcgccctgca	cccaaagggtg	atcgaagccc	ttgaaactaa	agggtttcat	120
aactgcacgc	ccattcaggc	tctcgccctg	ccgctgacgc	tggccggtcg	cgatgttgca	180
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agcgagttag	cgccaccta	gcgccttaca	cgtccacgct	ccggcaatgg	cccgcgtcgt	1260
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<210> 990

<211> 1491

<212> DNA

<213> Enterobacter cloacae

<400> 990

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<210> 991

<211> 277

<212> DNA

<213> Enterobacter cloacae

<400> 991

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<210> 992

<211> 405

<212> DNA

<213> Enterobacter cloacae

<400> 992

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<210> 993

<211> 2031

<212> DNA

<213> Enterobacter cloacae

<400> 993

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<210> 994

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 994

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ccgaacttcc	gtaaacgtca	tcaggggctt	attccgctgg	tgggcggcat	ttcgggtatac	180
gcaggcatct	gtttcacatt	cgggatcgcg	gattattata	tccccatgc	cgcactctat	240
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gtgaagtctc	gcgcgacggt	acaggcgccc	attggcatta	ttatgatggg	ggtaggcggc	360
ctctatctca	gaagcctggg	ctacgtgttt	ggtccctggg	agctgggtgt	tgggccattc	420
ggcttcttcc	tgacgtgttt	tgcctgtgtg	gcggctatcg	tcttcaccga	cagggggcgg	480
aaggaaacgc	gcatgcgt					498

<210> 995

<211> 1338

<212> DNA

<213> Enterobacter cloacae

<400> 995

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ttaagaaccc	acaccattat	gaattcttacc	gaattaaaga	atagcccggt	ttctgagctg	120
atcactctcg	gcgaaaatat	gggactggaa	aaccaggctc	gtatgcgcaa	gcaggacatc	180
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ctggagatac	tgcaagacgg	atttggtttc	ctccgctccg	cagacagctc	ctacctcgcc	300
ggccctgacg	acatctacgt	atccccatgc	caaatccgcc	gtttcaacct	ccgcactggt	360
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aacttaacgc	cgtgcacgc	gaactctcgc	ctgcgcattg	agcgtggtaa	cggtgtctact	540
gaagacttaa	ccgcgcgtgt	gctggatctg	gcatcgccaa	ttggtcgtgg	ccagcgtggt	600
ctgattgtag	cgccgcaaaa	agccggtaaa	accatgctgc	tgcaaaacat	cgcgacagagc	660

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<210> 996

<211> 525

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (16)

<400> 996

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ctggaaggaa	cgattccggg	tttcacccgc	cctaatacacg	gttatctgga	aagctgggcg	180
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cacgccagtc	tgggatggga	aacctttacc	gataaggtta	tcagcctgat	caatgagcat	300
cgtgaaggcg	tcgtgttttt	actctggggt	tcgcatgccc	aaaagaaagg	ggcgattatc	360
gatcgtcagc	gtcatcacgt	gctgaaggcg	ccgcaccggt	cgccgctgtc	tgcgcatcgt	420
ggtttctttg	gcagtaatac	ttttgttctg	acgaatgagt	ggctggaaaa	gcgtggcgaa	480
aagccgattg	actggatgcc	tgtgttaccg	gcagagagcg	agtag		525

<210> 997

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 997

aaaataagcg	tttggcgtgg	tcgtctgacc	acgccttttc	ccttcgggtt	tttctccgcg	60
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aataaaattc	acaggaagaa	tatgatgaaa	cacatttcag	gcaaggcagc	gctgctggcg	180
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ccggaacact	ggggcgaa	ggacgaggcg	tacaagacgt	gtaaaagcgg	aatgtatcag	300
tcgccgggtca	acatagataa	cacggtcaaa	gccacatct	ctccgctgga	aacgcactat	360
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gatacacgcg	acagcatcac	gcttgataaa	cagcgtgga	cgttacagca	gttccatttc	480
catgcacat	ccgaaaacac	ggtgcacggt	aaaaaatac	caatggaaat	gcactgtgtc	540
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ccgctgactg	tctctgctga	acagctgcaa	aaatttactc	acactttgca	ccacgaaaac	840
agccgcccgg	ttcagccgct	tcatggccgt	ctggttgttg	aataa		885

<210> 998

<211> 1149

<212> DNA

<213> Enterobacter cloacae

<400> 998

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gtcagtgttc	atattgttaa	aagcgcgcca	ctggccgtaa	cgacagaatt	gcctggcaga	180
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acgtatcagg	cagcctacga	caatgcgaaa	ggtgaactgg	taaaagcaca	ggcggcggcc	360
aatatcgctc	atctgacggg	gaaacgttac	gttccgctgg	tcggtagcga	atatgtgagc	420
aagcaggagt	acgatcaggc	ggtggcaacc	gcccgagcag	cggatgcgag	cgctcgttgc	480
gcgaaggctg	gcgttgaaa	cgcgcggatc	aacctggctt	ataccaaagt	cacatcccca	540
atcaacgggc	gtataggtaa	atccagcgct	accgaagggg	cgttggttac	taatggtcag	600
tcgactgcac	tggcgacggg	tcagcagctc	gatcccat	atgtcgatgt	gacgcaatcc	660
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gatgccattc	ttgttcccca	gcagggggta	acccgtacac	cgcgcgggga	tgccactgtg	960
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ctgcaaaaag	ttcgccctgg	cgttaccgct	gtggctattc	ctgataccgc	cgcgactcca	1140
gccagttaa						1149

<210> 999

<211> 1275

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (374)

<220>

<221> unsure

<222> (403)

<400> 999

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<210> 1000

<211> 291

<212> DNA

<213> Enterobacter cloacae

<400> 1000

gccccatcat	gtacaatccc	cgctttcttc	atccacaagg	gacaaaaaat	ggacaaacgt	60
tttgttcagg	cccataaaga	agcgcgctgg	gcgctgtggc	tgacccttct	ctatctcgcc	120
gcatggttag	taactgctta	cttacctgat	tcggcgattg	gcattaccgg	cctcccgcac	180
tggtttgaaa	tggcctgcct	gctgctgccg	ctgggtgtta	tcctgctgtg	ctgggcgatg	240
gtgaaattca	tctatcgcca	tatttccactg	gaggacgatg	atgcagcttg	a	291

<210> 1001

<211> 900

<212> DNA

<213> Enterobacter cloacae

<400> 1001

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acgcatgaca	cgccggtctt	tgagccgctg	ccaggcgaaa	cgcgctgtg	gggtgatacg	180
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ctggcgttcg	gcaccggtac	ccaccggaca	acctccctgt	gcctgcaatg	gctggatggc	480
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cccgatgcac	agccagaggc	gatgaaagcc	gatgtgggtg	tcgcgaatat	cctggctggc	720
ccattacgcg	agctggcgcc	gttaatcagc	gtgctgccgg	ttgaaggcgg	tctgctgggc	780
ctgtccggta	tccttgccag	ccaggcgagc	agcgtctgtg	aagcctacgc	cgatctcttt	840
gcgctcgacc	cggtggtcga	gaaagaagag	tggtgtcgca	tcaccggctg	taaaaaataa	900

<210> 1002

<211> 312

<212> DNA

<213> Enterobacter cloacae

<400> 1002

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aagaactatt	ttgctcaact	gaacggtcag	gatgttaatg	acctgtatga	gctggtagctg	180
gctgaagtgtg	aacagccact	gttggtacatg	gtgatgcaat	acaccgctgg	taatcaaac	240
cgcgctgccc	tgatgatggg	catcaaccgt	ggtaccctgc	gtaagaaact	gaaaaaatac	300
ggcatgaact	aa					312

<210> 1003

<211> 2253

<212> DNA

<213> Enterobacter cloacae

<400> 1003

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cccctttcca	accgctcttg	cttaacgtct	cacacgagtg	aacagaccat	gctggtagc	180
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atcgccatta	gctcgtcaat	gtttgccctg	ttgctcgcta	gcggcgagca	gtacggttg	480
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<210> 1004

<211> 1488

<212> DNA

<213> Enterobacter cloacae

<400> 1004

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gcttataagt	acgggctggg	ctgggtactg	ctggccatga	tccagctgcc	tgccatctgg	300
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<210> 1005

<211> 969
 <212> DNA
 <213> Enterobacter cloacae

<400> 1005
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<210> 1006
 <211> 233
 <212> DNA
 <213> Enterobacter cloacae

<400> 1006
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 aaactgccgg tggcgcaata tccgaccatt gcgcgccag cgggtggcgg gacagcaacc 180
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<210> 1007
 <211> 654
 <212> DNA
 <213> Enterobacter cloacae

<400> 1007
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<210> 1008
 <211> 918
 <212> DNA
 <213> Enterobacter cloacae

<400> 1008
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<210> 1009

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 1009

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gaactgcaaa	tccgctggct	gccgttgcca	aaagccatcg	cctggttcgc	ggcctgcgtg	420
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tcccgttaa						789

<210> 1010

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 1010

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gagggcagcg	agccgctggg	ctacggtaag	agcgtgacgg	atgcctgcat	tggtctgggac	1020
gataccgatg	cgatcctgcg	tcagctggcg	gatgcgggtta	aagcgcgctc	cggctaa	1077

<210> 1011

<211> 1113

<212> DNA

<213> Enterobacter cloacae

<400> 1011

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<210> 1012

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 1012

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gggacgaaca	caggcacgat	gaaccatgag	ggtatgacta	ccgacgaggt	gcataaaaaac	360
tcagtctgta	aagacgggaa	atgcccggac	ccgaatgaca	aagtgggcag	cgatgccaat	420
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<210> 1013

<211> 954

<212> DNA

<213> Enterobacter cloacae

<400> 1013

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ggcgggctga	tatecggatc	gctggcgctg	ctggccgatg	caggacacat	gcttaccgat	180
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catcactatg	agattgcgca	ctccactatc	cagatggagt	accagccttg	cagcgggcca	900

gactgccacc ttaacgagggc gcagtcgggc cactcacacg cacatcacca ttaa

954

<210> 1014

<211> 1182

<212> DNA

<213> Enterobacter cloacae

<400> 1014

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<210> 1015

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 1015

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<210> 1016

<211> 1218

<212> DNA

<213> Enterobacter cloacae

<400> 1016

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<210> 1017

<211> 1056

<212> DNA

<213> Enterobacter cloacae

<400> 1017

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<210> 1018

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 1018

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gtggtaatga	tgccgctgga	tgccagcagc	ctgatggggg	ctatcgccgg	aattgccgaa	660
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<210> 1019

<211> 858
 <212> DNA
 <213> Enterobacter cloacae

<400> 1019
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 atcgattatc aactgctgaa tgcggcaagg gcgcgcaacc tgtccatcat tgaactggaa 540
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<210> 1020
 <211> 579
 <212> DNA
 <213> Enterobacter cloacae

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 cagaaaaagc gtctgccac gctgatcgat gcgccttcgc aagaatttga aacgatctat 480
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 ctggacgcga aatttgcgga tattgcgcgc cgggattga 579

<210> 1021
 <211> 2640
 <212> DNA
 <213> Enterobacter cloacae

<400> 1021
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 acattatacg ggagttttgt tatgtctcac actattgacc tgacctgga cggcctctcc 180
 tgcggccact gtgtcaaacg cgttaaagaa agcctggagc agcgtcctga cgtggaaagc 240
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ttgtggccgc	tgaccgggtac	cctgctgaac	ccggttggtg	cggttgccgc	gatggcgctc	2580
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<210> 1022

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 1022

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aaggcgcaga	agccggtcga	cgcgcattct	aaccagcgtg	ggcagcagat	cgtaggtaaa	300
cgttttacgc	ttgataaac	gctaataaac	ggacgcggct	atatgcgcgt	gggggacagt	360
tcgtggccgg	tggtagccga	tgtatgacct	agcgcggcca	cgcgggttga	ggatcatcgc	420
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<210> 1023

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (991)

<400> 1023

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ctgctcaacg	acatgatcca	gtcgtgatt	ctggcgatct	accgctggt	gcagtctgag	180
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gtgatttggg	gctctatcct	cggcgttgca	ccgtttacgc	ttgttttacc	ctacgcaacg	960
ctggaatgga	ccggaatatt	gtcttcaacc	ngggcggatg	gaacatatatac	gtcccccccc	1020
cccccc						1026

<210> 1024

<211> 1698

<212> DNA

<213> Enterobacter cloacae

<400> 1024

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tatgaaaaag	ataaaacctta	taaaattacc	attctgcata	ctaacgatca	tcacggccat	180
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ttgcgccagc	aggagaagtg	gtccaaattc	ccgttccttt	ccgccaatat	ttatcagaaa	480
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gcggtcatcg	gcttaaccac	cgacgatacg	gccaaaattg	gcaaccctga	atttttcacc	600
gacatcgaat	tccgtaaacc	ggcggacgaa	gcgaagctgg	tgatccagga	gttgccagcag	660
aatgaaaaac	cggatgtgat	tatcgcgacc	accacatgg	ggcattacga	taacggtcag	720
cacggctcta	acgcgcggcg	cgacgtggag	atggcgcgca	gccttccagc	gggctcgctg	780
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ttgaagcagt	ttatccagca	aaattcaccg	attgacgtga	acgcgtatga	gccgaaaggt	1680
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<210> 1025

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 1025

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accggcttaa	ccagcaaagc	gattcgcttt	tatgaggaaa	aagggctggg	gacgccaccg	120
ttgcgcagtg	agaacggcta	ccgcagctat	acgcagctgc	atcttgatga	actgacgtta	180
ctgcgccagg	caagacagg	aggatttaac	cttgaggagt	gcggcgagct	ggttaacctg	240
tttaacgatc	cgaacgccca	cagtgccgac	gtgaaaaaac	gtacgctgga	aaaagtggcg	300
gagatcgaa	gccatatcat	cgaattacag	gcgatgcgtg	agcaactgtt	acagctggca	360
gaatcctgcc	cgggagatga	cagcgccgag	tgcccagatta	tcgacaatct	ttccggctgc	420
tgccaccgta	aaaccacgc	ctaa				444

<210> 1026

<211> 207

<212> DNA

<213> *Enterobacter cloacae*

<400> 1026

agaattggct	tccagagatg	ggagcctttt	ttgtatcgga	aattcattat	gagaacagct	60
tacgcttaca	ttcgtttttag	ctctgaaaag	caatcagcag	gggattctgt	aagacgacaa	120
caatcactga	ttgattcatg	gggtgaagaat	aaccctgact	acatactctc	atttttcacc	180
acagccgcga	aggtcacgct	attgggtt				207

<210> 1027

<211> 735

<212> DNA

<213> *Enterobacter cloacae*

<400> 1027

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gtacttaatc	tgtcgggtgt	caacgtcaga	cgggcaccgg	ccttcgcggt	tgagcagagc	180
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gcggccattg	accttcacgt	aggtttcatc	catgtgccac	gggcaaagat	cggaagggtt	420
acgccagtac	cagcgcagcc	gtttttccat	ttcaggcgca	taacgctgaa	cccagcggta	480
aatcgtggag	tgatcgacat	tactccgcg	ttcagccagc	atctcctgca	gctcacggta	540
actgatgccg	tatttgcatg	accagcgtac	ggcccacaga	atgatgtcac	gctgaaaatg	600
ccggcctttg	aatgggttca	tgtgcagctc	catcagcaaa	aggggatgat	aagtttatca	660
ccaccgacta	tttgcaacag	tgccccctct	gatgttacat	tgcacaagat	aaaaatatat	720
catcatgaac	aataa					735

<210> 1028

<211> 228

<212> DNA

<213> *Enterobacter cloacae*

<400> 1028

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cgtctcaaat	cctattttga	ttatgaaaat	gcgctagggtg	acggcatagg	agtgggctat	120
ggccaaagtt	atcagccctg	gcttagagct	caggacgtta	aatcccgtgg	aaaccgttcc	180
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<210> 1029

<211> 861

<212> DNA

<213> *Enterobacter cloacae*

<400> 1029

acaataaaac	tgtctgctta	cataaacagt	aatacaaggg	gtgttatgag	ccatattcaa	60
cgggaaacgt	cttgctcgag	gccgcgatta	aattccaaca	tggtatgtga	tttatatggg	120
tataaatggg	ctcgcgataa	tgtcgggcaa	tcagggtcga	caatctatcg	attgtatggg	180
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<210> 1030

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 1030

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gtacttaatc	tgctgggtgt	caacgtcaga	cgggcaccgg	ccttcgcggt	tgagcagagc	180
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ccggcctttg	aatgggttca	tgtgcagctc	catcagcaaa	aggggatgat	aagtttatca	660
ccaccgacta	tttgcaacag	tgccctctact	cttgccacag	gtttacgagt	aggtgatttg	720
ggaggaagcg	tcttagcctt	tgaagtggcg	gcgaaggaga	gaatggcact	ccgtgcaacg	780
cattaa						786

<210> 1031

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 1031

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ctcgccctca	ccgaagacct	tcagcccggg	ggaatcaatt	accagggtgtg	cgattttcacc	180
ccgggtgggc	gttttgaaac	tgacattaac	cgactttgcc	cgccctgctga	cacagctgta	240
atccgggcag	cgtag					255

<210> 1032

<211> 1665

<212> DNA

<213> Enterobacter cloacae

<400> 1032

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<210> 1033

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1033

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<210> 1034

<211> 821

<212> DNA

<213> Enterobacter cloacae

<400> 1034

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<210> 1035

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1035

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<210> 1036

<211> 999

<212> DNA

<213> Enterobacter cloacae

<400> 1036

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<210> 1037

<211> 2148

<212> DNA

<213> Enterobacter cloacae

<400> 1037

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<210> 1038

<211> 591

<212> DNA

<213> Enterobacter cloacae

<400> 1038

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<210> 1039

<211> 2715

<212> DNA

<213> Enterobacter cloacae

<400> 1039

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<210> 1040

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 1040

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<210> 1041

<211> 713

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (705)

<400> 1041

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<210> 1042

<211> 1110

<212> DNA

<213> Enterobacter cloacae

<400> 1042

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aaggcgggtg	aacgcgtggg	ggccgcaggc	gttggggagt	tacatcccaa	ccagccggta	1080
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<210> 1043

<211> 477

<212> DNA

<213> Enterobacter cloacae

<400> 1043

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<210> 1044

<211> 1344

<212> DNA

<213> Enterobacter cloacae

<400> 1044

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<210> 1045

<211> 3075

<212> DNA

<213> Enterobacter cloacae

<400> 1045

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<210> 1046

<211> 1551

<212> DNA

<213> Enterobacter cloacae

<400> 1046

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<210> 1047

<211> 538

<212> DNA

<213> Enterobacter cloacae

<400> 1047

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<210> 1048
 <211> 312
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1049
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 <212> DNA
 <213> Enterobacter cloacae

<400> 1049
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 ggcaaagtcc acccgttcta cactggtaag cagcgtgatg ttgcaaccgg tggccgtgtt 180
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<210> 1050
 <211> 765
 <212> DNA
 <213> Enterobacter cloacae

<400> 1050
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 tgggtgccat tcgtggaggt gggtaatgtc tcttccggct ataactactg taccactgac 720
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<210> 1051
 <211> 1080
 <212> DNA
 <213> Enterobacter cloacae

<400> 1051
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<210> 1052

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 1052

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<210> 1053

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 1053

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gcgctgtttg	aaaataccga	catgaacgcg	cgcgatatcg	cggtgaaagc	gttggtatatt	480
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<210> 1054

<211> 1074

<212> DNA

<213> Enterobacter cloacae

<400> 1054

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<210> 1055

<211> 2325

<212> DNA

<213> Enterobacter cloacae

<400> 1055

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gaagattcga	tgcccgtcgc	tcacgttgcc	ctgcccgttc	cgcttccccg	cacctttgac	180
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<210> 1056

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 1056

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aagagtgaac	aagtcaagaa	aatcacgggtg	tccattcctc	tgaaggtggt	gaagatcctc	120
accgatgaac	gtacgcgtcg	tcagggtgaac	aacctgcgtc	acgccaccaa	cagcgaactg	180
ctgtgcgaag	cgcttctgca	tgcgtttacc	ggccaaccgt	tgccgaacga	tgacgatctg	240
cgtaaagaac	gcagtgcga	aatccccgaa	gaggcgaagg	tgatcatgcy	tgaactgggt	300

atcgacccgg agacctggga atactaa

327

<210> 1057

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 1057

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ccggcacctt	cgcgacgcaa	aaagagtagt	tcaaaaagca	agcaacgtag	cctgtctgct	120
gtctccccag	ccatggtcgc	cattgctgcg	gccgtgctgg	tggcctttat	tggcggcctc	180
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gcatttgaag	gatttgactc	acgcattacc	accaataacg	gctggaatcg	cgtagtgatt	900
ggaccggtca	aaggcaaaaga	aaatgcagac	ggcaccattt	cccgtttgaa	agtggctggc	960
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<210> 1058

<211> 2142

<212> DNA

<213> Enterobacter cloacae

<400> 1058

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<210> 1059

<211> 474

<212> DNA

<213> Enterobacter cloacae

<400> 1059

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tcagaggtca	cgattcgctt	ggtggatgaa	gcagaaagcc	atgagctcaa	cctgacctac	180
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<210> 1060

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 1060

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gatgtgatta	tcgaatcggc	tactcacgt	ttcccggcca	tcagcgaaga	taaagatcac	420
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cgtattatcc	aggttcacgt	cagaatgccg	gacgactcac	cggtgccaaa	actggaagat	960
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<210> 1061

<211> 1227

<212> DNA

<213> Enterobacter cloacae

<400> 1061

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aatgaccgtt	ttattacgcc	gtgtggccac	aggtcagtta	accaattaaa	gaggaacagt	180
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<210> 1062

<211> 768

<212> DNA

<213> Enterobacter cloacae

<400> 1062

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<210> 1063

<211> 1539

<212> DNA

<213> Enterobacter cloacae

<400> 1063

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<210> 1064

<211> 1188

<212> DNA

<213> Enterobacter cloacae

<400> 1064

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<210> 1065

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1065

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accagagcct	taccgcttg	cgacacccca	attgcgttaa	acaaactgct	taacgacttt	180
aaagtggctg	gggtacgagg	attcgaaact	cggaaatgcc	gaatcagaat	ccggtgcctt	240
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<210> 1066

<211> 246

<212> DNA

<213> Enterobacter cloacae

<400> 1066

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gaaatatggc	tggggtaact	ggattcgaac	cagggaatgc	cggtatcaaa	aaccgggtgcc	180
ttaccgcttg	gcgatacccc	atccgtgcaa	cgcttacctg	ggaatgggtgc	gggagggcag	240
acttga						246

<210> 1067

<211> 246

<212> DNA

<213> Enterobacter cloacae

<400> 1067
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 gcgagacttg aactcgca ca ccttgcggcg ccagaaccta aatctgggtgc gtctaccaat 180
 ttcgccactc ccgcaaaaaa gatggtggct acgacgggat tcgaacctgt gaccccatca 240
 ttatga 246

<210> 1068

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 1068
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 ccccaatacc gcggagaacc gcatgatcga agaaatatgg ctgggggtacc tggattcgaa 180
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 acgcttacct gggaatggtg cgggagggcga gacttgaact cgcacacctt gcggcgccag 300
 aacctaaatc tgggtgcgtct accaatcttcg ccactcccg caaaaagatg gtgggtacga 360
 cgggattcga acctgtga 378

<210> 1069

<211> 588

<212> DNA

<213> Enterobacter cloacae

<400> 1069
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 cgggagaaaag ggcggatagg cggcagacgg cctaagttaa cccagagca atgggcgcag 480
 gctggcaggc tgatcgcaaa cggagtggac agaaagcagg tggcgattat ttacgacgta 540
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<210> 1070

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1070
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 gtagagcagc gtattgatct taatgagttg cttgtttccc atcccagctc aacgtatttc 240
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 gttgatagct cacggactgt tgaacacgga gatattgtca ttgcggctgt ggatggggaa 360
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 tacagcccga ttgtggtagg cagcgaagat acgctggatg ttttcggcgt agttactttc 480
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<210> 1071

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 1071

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accggtcgca	ggatcaagtg	tcttacctgc	gtcgatgatt	tcacaaagga	atgcctgacg	120
gtcactgttg	cctttgggat	ttcaggcggt	caggtcacgc	gtattctgga	cagcattgca	180
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gagcactggg	tcagcgatat	cgttcatgcc	aggaaaatta	ttaatgactg	gcggcaggat	420
tataacgaat	gccgcccga	ctccacgctg	aattatcaga	caccgtctga	atttgacgag	480
ggctggagaa	agggtcattc	tgagaatgaa	gattccgacg	ttactaactg	a	531

<210> 1072

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 1072

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tatcacagtt	gtggctacgc	gttgaaactg	gacctgttta	cccaccggga	gctgcttgaa	480
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cattccggcg	acgttgagcg	cgtgacactg	ttaatcaatg	gcggccgcaa	cgggctggat	600
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<210> 1073

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 1073

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<210> 1074

<211> 1299

<212> DNA

<213> Enterobacter cloacae

<400> 1074

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tacgcatcat	gcgagacagt	gttcaggccc	gatttgagag	gacggccggg	ggttggttctt	120

tcaaataacg	atggctgcgt	gatcgcgcg	agcgctgagg	caaaagccgc	agggatagct	180
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<210> 1075

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 1075

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<210> 1076

<211> 636

<212> DNA

<213> Enterobacter cloacae

<400> 1076

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<210> 1077

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 1077

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<210> 1078

<211> 1146

<212> DNA

<213> Enterobacter cloacae

<400> 1078

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<210> 1079

<211> 1266

<212> DNA

<213> Enterobacter cloacae

<400> 1079

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<210> 1080

<211> 981
 <212> DNA
 <213> Enterobacter cloacae

<400> 1080
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 ttgcgtcgcc gcacaaacta a 981

<210> 1081
 <211> 696
 <212> DNA
 <213> Enterobacter cloacae

<400> 1081
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 agcatcgacg ccaccgccta ctggttatac aggtga 696

<210> 1082
 <211> 1425
 <212> DNA
 <213> Enterobacter cloacae

<400> 1082
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 gttttcttct cgctgctgtt tttgttgacc tttttctttg gcttcccgtc gaccagcatc 240
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<210> 1083

<211> 753

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(720)

<400> 1083

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cgttcaattc	gtaaaaagtt	tccagacgct	aatgtgtctc	gcgtggcggg	agctgacctt	300
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<210> 1084

<211> 984

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(975)

<400> 1084

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<210> 1085

<211> 1281

<212> DNA

<213> Enterobacter cloacae

<400> 1085

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gatcacaatg	cgttttaaagc	ggtctccggt	gatgccgtac	gtcagcagta	tggtgttgat	1260
accaaaggcg	tgtggcggtg	a				1281

<210> 1086

<211> 1305

<212> DNA

<213> Enterobacter cloacae

<400> 1086

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accaccaaaag	agagcgaacg	tctgctccgc	ctgccctgt	tctacaacct	cgcgcgggtg	1260
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<210> 1087
 <211> 1086
 <212> DNA
 <213> Enterobacter cloacae

<400> 1087
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<210> 1088
 <211> 873
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1089
 <211> 1095
 <212> DNA
 <213> Enterobacter cloacae

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 ttaatggaga gcgaggggtt caccaatatt tcaattgtcg gtgagcgtct tgatatgtca 300
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<210> 1090

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 1090

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gatactatat	gttttcaggaa	taagcttctg	gaatggatc	agcatgggta	taacagttca	180
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aaaaaacaat	gtatcgcaac	acacgggtgcc	gcggaagcaa	tcaatagcac	gcagtattta	420
agttattttgc	ttgtgcatat	gattaacgggt	agcaataaag	atcttctgtt	ttctccgcac	480
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<210> 1091

<211> 4371

<212> DNA

<213> Enterobacter cloacae

<400> 1091

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<210> 1092

<211> 2283

<212> DNA

<213> Enterobacter cloacae

<400> 1092

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<210> 1093

<211> 1071

<212> DNA

<213> Enterobacter cloacae

<400> 1093

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1071

<210> 1094

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1094

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<210> 1095

<211> 1242

<212> DNA

<213> Enterobacter cloacae

<400> 1095

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<210> 1096

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 1096

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<210> 1097

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 1097

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<210> 1098

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 1098

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ccaccgtcgc	gtgatgaact	gaccaggctg	attgcagata	tggggatttc	cataggcgat	180
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gacgaccagc	ttatcgattt	catgctgcaa	taccctatc	tgattaaccg	tccgattgtg	300
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gacgcgcaaa	aaggggcatt	tacgaaggaa	gatggcgaa	tcgtcgttga	cgccaacggg	420
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<210> 1099

<211> 1377

<212> DNA

<213> Enterobacter cloacae

<400> 1099

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gctagtgttg	tcgctattgt	tgtacttctg	gtgctgatcc	caatgacgct	aactctctct	180
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<210> 1100

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 1100

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agtaacgaga	ttatgttaga	aaatctgaac	tacgaactgt	tttacctgct	caacgccacg	180
ccgtcgtcac	cggaatggat	gatcgatctc	gccaccttca	ttgcgaaaga	tgtgatcagc	240
attgtaccgg	cgctggcggt	gacccctctg	ttatggggac	ctcgtaacaa	ggtaaccggc	300
cagcgccatc	tggatgatca	aatggcgatg	gcgatcgggc	tcagcggtgt	ggcaagctac	360
gtgctggggc	acgccttccc	acacgatcgt	ccgtttgtcg	atcgcgctcg	ctacaacttc	420
ctgcaccatg	cgccggagca	ctcgttcccg	agcgatcacg	gcacgggtgat	cttcaccttt	480
gcgctggcct	tcctgttctg	gcacgcgcgt	tggtcggggc	tagtgctgat	ggcgctggcg	540
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<210> 1101

<211> 429

<212> DNA

<213> Enterobacter cloacae

<400> 1101

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aaatggatct	actaccgtct	ctctcccaac	atgccgcgtg	gggcggcaac	cgttatcgat	360
aacagctgga	actgcctgcg	agaagagaca	cgtatgaagc	tgaaaaaccg	cctcccgggc	420
tcttgctga						429

<210> 1102

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 1102

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gatgcgaaaa	cctataaccg	cgcgcggtttt	ctggcgagct	acgcgcgcat	gaaagcgcaa	180
ggcatccgtt	ttgtggtcgc	cagcggaaac	cagtactacc	agctgatctc	atttttcccg	240
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ccgcacatta	aggcgggtggc	ccgctatgaa	gcgccgaaca	ataatgacga	aggggtgctg	840
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<210> 1103

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 1103

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gccgctaccc	tgcttgccgt	gtctgaaatg	accattcgct	gcgatctgaa	caacgacagc	180
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atcatcgagg	ccatcaatag	caccgttccg	tttaccgcgc	tctgttattc	gctaaacacc	420
ttccttgcc	tgccaggagaa	accggcgctg	cgggtgattt	tgtgtggcgc	cgaatttcac	480
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ggtgatcaca	gtaaatttgg	caaggctccg	ccggcaagga	tgggtgaact	gtcgcgcttt	720
gacgccatcg	tcagtgattg	ccgcccggat	gacgagctgg	tggcatacgc	gaaagcgag	780
caggtgaagt	tgatgtattg	a				801

<210> 1104

<211> 408

<212> DNA

<213> Enterobacter cloacae

<400> 1104

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atcatcaaga	cgaccctgcc	taaagcgaaa	gagctgcgtc	gcgtagttga	gccgctgatt	180
actcttgcca	agactgacag	cgttgctaata	cgctgctctg	cattcgcccg	tactcgtgat	240
aacgagatcg	tggcaaaact	gtttaacgaa	ctgggcccgc	gtttcgcgag	ccgtgccggg	300
ggttacactc	gcattctgaa	gtgtggcttc	cgtgcaggcg	acaacgcgcc	gatggcttac	360
atcgagctgg	ttgatcgctt	agagaaagca	gaagctgctg	cagagtaa		408

<210> 1105

<211> 486

<212> DNA

<213> Enterobacter cloacae

<400> 1105

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cgggaagata	tttataatgc	gttgatgtgg	ctggataagt	tggctgatta	tcaggacggc	180
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gagtggtgaaa	ggctggatgc	cagctgcccg	ggattcattt	tattcctcga	gcagattcag	300
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gaatttgaac	tggaagatct	gaaatgggtg	atcctgatgg	tgctgttcaa	cattccaaggc	420
tgtgaaaatg	cctatcagca	aatggaagaa	ttactctttg	aagtgaatga	aggatgctg	480
cattaa						486

<210> 1106

<211> 627

<212> DNA

<213> Enterobacter cloacae

<400> 1106

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accgggcttc	ccccctgtcg	gacaaccgaa	gaagtctctg	cgcagttcgg	gagtgatttc	540
ccggtagccg	tcggtgaaac	cggtggccgt	cttaaccctg	cagaaattcg	cgatgccttg	600
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<210> 1107

<211> 366

<212> DNA

<213> Enterobacter cloacae

<400> 1107

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ggtatcgctg	aagatgttaa	gatcagtgag	ctgtctgaag	aacaaatcga	cacgctgcgt	180
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aagcgctga	tggatcttgg	ttgctatcgc	ggtttgcgtc	atcgtcgtgg	tctgccagta	300
cgcggtcagc	gtactaagac	caacgcacgt	acccgtaagg	gtccgcgcaa	accgatcaag	360
aaataa						366

<210> 1108

<211> 624

<212> DNA

<213> Enterobacter cloacae

<400> 1108

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cagcacggtg	cgcgtaaacc	gcgtctgtct	gactatgggt	tgagtttgcg	tgaaaagcaa	180
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cataaagcaa	tcattgtaaa	cggtcgtggt	gttaacatcg	cttcttatca	ggttaaagcg	420
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agtacgttca	agcgtcagcc	ggaacgtcct	gatctgtctg	cggacattaa	cgaacacctg	600
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<210> 1109

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 1109

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<210> 1110

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 1110

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ggaaaaggga	gttattttacg	taaaggtaaa	catgcacaac	ggggtaaattg	ggaggccagt	180
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<210> 1111

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 1111

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cacccatatg	gtcgggttct	tgcgcctgtt	gatgcatttt	taccgacgct	aaatagcttt	180
tttgttgcgg	gcggtaaaag	tgcgaacgtt	acggtgcctt	ttaaagaaga	ggcttttcggg	240
cgtgcggatg	agctgaccga	gcgtgcgtgt	cttctaccac	ggggcctggc	cggtccgcta	300
attgaa						306

<210> 1112

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 1112

ataatggcaa	aggcaccagt	tctgtcacgt	aaacgtgtaa	gaaaacaagt	ctctgacggc	60
gtggctcata	tccatgcttc	tttcaacaac	accatcgtta	ctattactga	tctgcagggt	120
aacgcattgg	gttgggcaac	agccggttgt	tccggtttcc	gtgggttctg	caaataccact	180
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ctgaacgccg	ctggtttccg	catcacgaat	attactgatg	tgactccgat	ccctcataac	360
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<210> 1113

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<400> 1113

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<210> 1114

<211> 510

<212> DNA

<213> Enterobacter cloacae

<400> 1114

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aaaggcattc	ataagaatga	cccgcggtac	tctgaaatca	gtcgtcggtt	ggcgctcatc	420
gagctaaaac	tgcgccagac	gggaatgaat	actgactttt	tgcattggtga	gtacagtga	480
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<210> 1115

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 1115

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<210> 1116

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 1116

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<210> 1117

<211> 1323

<212> DNA

<213> Enterobacter cloacae

<400> 1117

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<210> 1118

<211> 1410

<212> DNA

<213> Enterobacter cloacae

<400> 1118

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<210> 1119

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1119

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<210> 1120

<211> 972

<212> DNA

<213> Enterobacter cloacae

<400> 1120

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<210> 1121

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 1121

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aaagaagaac	cggctgctgc	cccgccagca	ccaactaaag	aagaagtctt	actgactgaa	420

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459

<210> 1122

<211> 408

<212> DNA

<213> Enterobacter cloacae

<400> 1122

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<210> 1123

<211> 600

<212> DNA

<213> Enterobacter cloacae

<400> 1123

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gatgtggaga	tccgcattcc	ttcgcaccgt	agcgcgccga	tccaggagat	gcatatgctc	540
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<210> 1124

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 1124

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<210> 1125

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 1125

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<210> 1126

<211> 1185

<212> DNA

<213> Enterobacter cloacae

<400> 1126

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<210> 1127

<211> 2169

<212> DNA

<213> Enterobacter cloacae

<400> 1127

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<210> 1128

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 1128

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<210> 1129

<211> 339

<212> DNA

<213> Enterobacter cloacae

<400> 1129

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atcatgctgc	gtaagtcatt	cccggcgaaa	gcgctgtggc	tgactgcggg	gctggtggcg	300
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<210> 1130
 <211> 291
 <212> DNA
 <213> Enterobacter cloacae

<400> 1130
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 actgttcgta aaatttccaa cggcgaaggc gttgagcgtg tcttccagac tcactctccg 180
 gtagttgaca gcattgctgt taaacgctcg ggtgctgtac gtaaagctaa actgtactac 240
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<210> 1131
 <211> 996
 <212> DNA
 <213> Enterobacter cloacae

<400> 1131
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 ataaaagaat ggatccttga ccagcgcgtg ctggtaaacc gcaagatctg ggacaaacca 180
 aaagagaaag tgtttgggtg ggaagctgtc gccatcaatg ctgaaatcga agaggaaatc 240
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 ttcgaagaac ataaggatca cgtggactgg ttatga 996

<210> 1132
 <211> 1134
 <212> DNA
 <213> Enterobacter cloacae

<400> 1132
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 ccgatcaac tgaaggcgga attcccgctg agcgtcgcgc aggaagctca gattgagcac 180
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 atgaagcccg gcgtctcgt caccgatgct tgcacagct gggaaaccac tgatgcgcta 1080
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<210> 1133
 <211> 387
 <212> DNA
 <213> Enterobacter cloacae

<400> 1133
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 acccggttta cggcggtcgt ccgcgtccac caaagggcgc atcggatgaa ttcattctccg 180
 tgctgcgtaa attcgatcgc caggcgctgc atgcgacgat gctgcgtctt taccacccaa 240
 tcaccggaat tcagatggaa tggcatgcgc cgatcccaca ggatatgggtg gaacttatcg 300
 acgcgatgcg cgcagatttc gaagaacata aggatcacgt ggactgggta tgaccaaaact 360
 gattgtcccg gagtggccac tgccctga 387

<210> 1134
 <211> 1554
 <212> DNA
 <213> Enterobacter cloacae

<400> 1134
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 attgccgacc gtcagttgcc ggataaagcc attgacctta tcgatgaagc ggcgtccagc 180
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<210> 1135
 <211> 1599
 <212> DNA
 <213> Enterobacter cloacae

<400> 1135
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 ctggcacttt ttcccctggc tttaacccga taccgcgcgc ccgccgcgtc ggtctgcttt 180
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ccagtaatgg	gcgtcagctc	ggtggtcttt	attgtgattg	actggctgcg	ctggcgagcg	1560
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<210> 1136

<211> 1161

<212> DNA

<213> Enterobacter cloacae

<400> 1136

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<210> 1137

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 1137

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cacggcctgc	tccagcgtaa	ggttttgcgat	aaccgcgtcca	acccgcagct	tgacgcgttt	360
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gaggagctgg	cgaaataccc	gctttccgggt	gccatcttca	ccctgccagt	aaatgtggca	900
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<210> 1138

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 1138

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<210> 1139

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1028)

<400> 1139

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<210> 1140

<211> 699

<212> DNA

<213> *Enterobacter cloacae*

<400> 1140

gcctggcttt	ggtgggctgc	tccggttttg	aatgaacagg	tccctgacaa	tccgccgaat	60
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caactggaag	cgttggataa	tcgctatccg	tttgggtccg	attcgcagca	ggtacagtta	180
gatcttatct	acgcctacta	caaaaatgcc	gatctgccgc	tggctcaggc	aacgatcgat	240
cgtttcatgc	gtctgaaccc	tacccatcct	aacatcgatt	acgtgatgta	catgcgcggc	300
ctgactaaca	tggcgctgga	tgacagtgc	ttgcagggt	tcttcgggg	ggatcggtca	360
gaccgtgacc	cgcaacatgc	gcgtgatgct	ttcaatgact	tctccaaact	ggtgcgtagc	420
tacccgaaca	gccagtacat	taccgatgcc	actaagcgct	tgggtgttcct	gaaagatcgt	480
ctggcgaaat	atgagtactc	cgttgcgga	tactacaccc	gccgtggcgc	atgggttgcc	540
gtggttaacc	gtgtagaagg	catgctgcgt	gattatccgg	ataccaagc	cacgcgtgat	600
ggcctgaagc	tgatggaaaa	tgcgatcgc	cagatgcaga	tgacgggtca	ggctgacaaa	660
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<210> 1141

<211> 396

<212> DNA

<213> *Enterobacter cloacae*

<400> 1141

cattgggtcg	ggtatgctgg	aatcaccaag	acggaaagac	aagaggtaaa	atztatgaca	60
atgaacatta	ccagtaaaca	aatggaaatt	actccggcaa	tccgccagca	cgtcgcagac	120
cgtctcgcca	aactggataa	atggcaaaca	catttgatta	atccacatat	catcctgtcc	180
aaggagccgc	agggtttcat	cgctgatgca	actatcaata	ctccaaacgg	ccatctggtc	240
gccagcgcaa	aacacgagga	tatgtacacc	gcaattaacg	atztatcaa	caagctggaa	300
cggcagctca	ataaagtgc	acacaaaggt	gaagcacgtc	gcgccgcaac	ctcggtgaaa	360
gacgccagct	tcgcggaaga	agttgaagaa	gagtaa			396

<210> 1142

<211> 429

<212> DNA

<213> *Enterobacter cloacae*

<400> 1142

aattacacac	gcacacttgt	aagccaggct	atgctcacia	aaaggagaat	agccatgcgt	60
tcaattactc	tcattgtatt	gtcgctgatt	ttgtcgggtt	gccagatcaa	tccttatgct	120
tttcagcctg	gctggaccag	cccggactgg	ttcactgccg	gtaaagaaga	cgctatgaat	180
ggtgttcccg	ttaaagataa	ccaggcgctg	gccgatagtt	ttaatgaccc	ccaggttgat	240
cgaggggaa	atcttcgtgg	ctacgctgac	ggacagaaaa	aaatatgcga	agagggtttt	300
attcacgcct	ggggattagc	gggaaaatca	tttcttgcca	gctgcgatac	aactgaaaat	360
gcagtaaaac	tgtatgaatc	ctggcaacaa	ggaatggatg	aaagtatgcg	ttccagcagg	420
ctgaattga						429

<210> 1143

<211> 600

<212> DNA

<213> *Enterobacter cloacae*

<400> 1143

acaatggtat	tctgccgaca	attcttaagg	acatctattt	ccggggcggt	ttggcggatt	60
ctgatgagaa	atgcaatctt	gatcgctttg	ctccgactcc	ccctggcgct	aatgctgttc	120
attttagtgg	cccctgcaaa	ggcaggctcg	ttcactgaaa	cggataaatc	agtacgttcg	180
attgtttctg	gtatcgtag	ctacacccga	tggccagcac	tgtctggcca	gcctaagctc	240
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gccctctatt	tcgggagcga	gtcgccagca	aaacaacagg	aaataataaa	tcaatatcag	420
ggccaggcgt	tgctattaat	gtcagaacaa	aatcctgaat	gcgttatttg	cagcgcattt	480
tgtctgataa	tagagcacia	ccagggtcagg	ttttccgtaa	atctggatgc	gctggcgcgc	540

agtggcgtaa gagtcaatcc ggatgtatta atgctcgcac ggaataagaa gcatgaataa 600

<210> 1144

<211> 1179

<212> DNA

<213> Enterobacter cloacae

<400> 1144

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agtgcactcg	acgaaaaatt	actggccctg	ctggcagaac	gcgcgcgcgt	cgccgttgaa	120
gtgggcaaag	ccaagctcga	gtcccacg	ccggtgcgcg	atatcgatcg	cgaacgtgat	180
ttgctggaac	ggttgattca	actcggcaaa	gcgcatac	tggatgccca	ctacatcacc	240
cgtctgttcc	agctcatcat	cgaagattcc	gttctgacgc	aacaagccct	gcaccagcag	300
catctgaaca	aaaccaaccc	gcactctgct	cgtatcgctt	tccctcggtcc	gaaaggctcc	360
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ggttgcgcga	aatttgacga	cattttcaac	caggctcga	ccggccaggc	cgattacgcc	480
gtggtgccta	ttgagaacac	cagttccggc	gccatcaacg	atgtttacga	tctgctccag	540
cacaccagcc	tgtcattagt	cggcgagttg	accatcccta	tcgatcactg	cgtgctggtc	600
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cagtgcagcc	agttcctgaa	ccgttatccg	cactggaaaa	ttgagtacac	cgaagcacc	720
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ccggcgaaaa	ccacctgct	gatggcgacc	ggccagcagg	cggtgcgct	ggttgaagcg	960
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atgcagaaag	ccctgcgcga	actgggcgag	atcacacgct	ccatgaaagt	gctgggctgc	1140
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<210> 1145

<211> 1242

<212> DNA

<213> Enterobacter cloacae

<400> 1145

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ttgctgctgt	gtttcgtctc	cgtggtgaca	ttaaagcaat	acgcgcaaaa	aaacctcgaa	180
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gcagcaaatg	aaacgctggc	gaccctcggc	aagcaggggc	agtttgccgt	ggcggaaagt	300
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gacacctggg	gtcatgccgc	gggtgactgc	gttctgatcg	aagccgcaaa	aaggatggtc	960
gaatttggcg	aaaaacgtca	tcagtcttac	cgtcttggcg	gcgacgaatt	tgccatgatc	1020
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<210> 1146

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 1146
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tcctatggct ttaacgaact gaatggcgac tggctctctg gcctgtcaga taagatcctg 180
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tcacgcctgg cggcaaccgg cctgaaccac gcccgatgg atggccatac ggataactat 300
ggcgaagaga gctacaacga agcgctttcg ttaaaacgtg ccaatgttgt ggcgatgcc 360
tgggcgaagg gcgcgaacat cccgcgcagc aacctcacca cgcggggctt aggcaaaaaa 420
taccctgtca gcagcaaccg cactgcacag gggcgcgctg aaaaccgccg ggttgcggtg 480
gtcatcagca cgccttaa 498

<210> 1147

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 1147
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atagaagaag gtaaaattgg tctggatctg acggtagata ttccgcgtcc tcgccgcgtg 720
ggatcggccc gactggggga gctggaagcc gaagtgcctg atcgggtgat gaagcgtggg 780
gtaagtgaac ggggtgtgat taaagcta gctga 816

<210> 1148

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 1148
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gcacctatga ctcaattcgc ttctccggtt ctgcatacgt tgctggatac cgacgcgtac 120
aagctgcata tgcagcaagc cgtgtttcac cactatcatg atgtccatgt tgcggcggaa 180
tttcgctgcc ggggtgacga cttgctgggt atctacgcag attccattcg tgcaacaggt 240
cttcactag 249

<210> 1149

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 1149
ggagcaacca tgcgcgtcat taccctggcc ggaagcccc gcttccctc tcgctccagc 60
gcactgctgg aatacgtctg cgaaaagctt aatgctctgg atgtcgaagt gtgtcactgg 120
aatttgacaa atttcgcgcc tgaagatctg ctctacgcc gtttcgacag cccggcgctg 180
aaaaccctga tcgaacaact taagagtgtg gacgggctgg tcgtcgcgac accgatttat 240
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gacggtaagg tcgtcctgcc gctggccaca ggcggtacgg tagcccatct actggcggtg 360
gattatgcc tcaagccggt tctgaacgcg ctgaaagcac aggatccct gcatggcgtc 420
ttcgctgacg aatcacaggt aatcgactac cagcataaac cgcatttcac gccgaatctg 480
caaaccgcc tcgacagcgc gcttgaaacc ttctggcacg ccctgaaccg tcgggatcgc 540
cacgcggcgg catttcatca atcacaagga gtggcgcatg tttaa 585

<210> 1150
 <211> 1158
 <212> DNA
 <213> Enterobacter cloacae

<400> 1150
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 tatcttggca cagaagaagg cgcccgcccg gtcgatcacg gctacctaca gcagatcgcc 120
 caggcggcag accgcatcgg ttttaccggg gtgctgatcc cgacggggccg ttcattgtgag 180
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 gccttgccgc cgagcgtggg gtcgcccacc gtcgcccgcg gtcaggcgcc aacgctggac 300
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 gtgcgcggcg gcgcccgcac ggcgctgggc ggcgacggc caaccgtagc ggcacgcatt 960
 aatgaatacg cggcgtggg gatcgacagc tttatcctgt ctggctaccc gcattctggag 1020
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 aaagtcgcgc aaagctaa 1158

<210> 1151
 <211> 801
 <212> DNA
 <213> Enterobacter cloacae

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 ccgatttata tcaatacctg gcattgggac cgcaatatcg atcgcggtct ggttgagatg 480
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 gctcaggagg cgaaagcatg a 801

<210> 1152
 <211> 1014
 <212> DNA
 <213> Enterobacter cloacae

<400> 1152
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<210> 1153

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 1153

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cgctctcggt	ttgcgcgcgc	aatgttaacg	ccagacgcgt	ttgctccctc	aggcttttgc	180
gttgacgatg	ccgcgctcta	tttctctttt	gaagaaaaat	gccgcgatct	cgatctctcc	240
aaagaacagc	gcgccgaact	ggtattaagt	cttcaccacg	ggactggcag	gatccgagta	300
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<210> 1154

<211> 2718

<212> DNA

<213> Enterobacter cloacae

<400> 1154

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caagctaaat	accgccacga	ctaccgtgcg	ccggaatacc	tgataagcga	tatcgatctg	180
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<210> 1155

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 1155

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<210> 1156

<211> 1404

<212> DNA

<213> Enterobacter cloacae

<400> 1156

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<210> 1157

<211> 1107

<212> DNA

<213> Enterobacter cloacae

<400> 1157

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<210> 1158

<211> 437

<212> DNA

<213> Enterobacter cloacae

<400> 1158

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aggtgaagga	tctgccggac	tcctacaaac	ggtacctgat	gaactacttc	cgcaagtcgc	300
tggaactgat	gggtacgcct	atccgtattc	agttcaagga	aggggaaaac	ccgtttgcga	360
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<210> 1159

<211> 1599

<212> DNA

<213> Enterobacter cloacae

<400> 1159

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<210> 1160

<211> 1491

<212> DNA

<213> Enterobacter cloacae

<400> 1160

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<210> 1161

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 1161

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<210> 1162

<211> 1686

<212> DNA

<213> Enterobacter cloacae

<400> 1162

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<210> 1163

<211> 510

<212> DNA

<213> Enterobacter cloacae

<400> 1163

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<210> 1164
 <211> 702
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1164
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 gcgggcatta ccaatgaaga gacgctacga cagttggggg cgaagacgag ctggctgaaa 540
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<210> 1165
 <211> 2076
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1165
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 cacgaatatc ttattccggt taatcagcta ctggccattc attgtaaacg agggctggta 180
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 ccggaagatt tcccggatgc agaggagcgg cgcttactgt acgtggcgat aaccgcgcg 1980
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 aagagtattg acgtgccggg ggcgagaaa cggtaa 2076

<210> 1166
 <211> 759
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1166
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 gtggttgctg taatcatgcc ggtttgtgtt ttcgcaacta ctctcagact cacaaccgac 180
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 aagctggata ttctggcgct gacaaaaagg ccaaagggaa ctgactatga agcggacacc 540
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 gatgacagta ccctgctttc gggcgatcgc gagctggatg tactcccccc tcagtcgcag 660
 acccttactg agcaacgtct caagttctgg ttccagaatg ccgatccgga cacgcgcgcc 720
 cgttttctgc aatgggcaaa acaacaacct tcgtcgtaa 759

<210> 1167
 <211> 255
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1167
 tgtgtaaagc gagggagtgg aacgtgcgcg ccgagatatc ctgggtatgc aaacgcgcct 60
 gaatgcgctc atccatctcc tgcgccgcct tgcgaccaa ggccagcagc aaaatctggt 120
 cggcaaccgc ctgcgccgtt gtcagaagcc agccgcgcgc tgcaccagc accgacgttt 180
 tgccgctccc ggcgcctgcc agcactaaaa gagactgctc gccattcacc acggcgcgcg 240
 cctgggcagg attga 255

<210> 1168
 <211> 1197
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1168
 caaattatga gtgtacgttt agtgttagcc aaagggcgcg agaagtcatt actgcgccgt 60
 catccctggg tcttttccgg cgcggttgcc cgcattggaag gtaaagccag cctcggtgaa 120
 accatcgata ttgttgacca tcaggggaaa tggttagcac gcggcgcata ctgcctgca 180
 tctcagatcc gcgcgcgcgt ctggacgttc gataaagaag aagccatcga tatcgacttc 240
 tttgtccgtc gtctgcaaca ggcgcagcag tggcgtgagt ggctggcaaa gcgtgacggg 300
 ctggacagct atcgtctgat tgccggagag tccgacgggc tgccgggcgt gaccattgac 360
 cgcttcggca atttccctggt gttgcagctg ctgagcgccg gggcggaata ccagcgtgcc 420
 gcgctgatta gcgccctgca aaccctgttc ccggaatgtg ccatttacga ccgcagcgac 480
 gtggcggtac gtaaaaaaga gggcatggag ctgacgcaag gcccggtcac cggcgaactg 540
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 gatgcgggtc gtgatgtaca atttatagag cagttccgtc aggcgcgcga tcaccgggtg 1140
 atcgctacct acccggaagg gctgtatctg aaagggtttg cctgtcgcgt catgtaa 1197

<210> 1169

<211> 348
 <212> DNA
 <213> Enterobacter cloacae

<400> 1169
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 caggtcgcc acaccttgct cggatatattg ggtgtggtcg tggatatcga cccggagtat 120
 tcccttgatg aaccgtcagc agacgatctg gccgttgacg cagagcttcg cgccgcgcc 180
 tggatcatg tggttatgga gggcgacgat ggtcagcctg tccataccta tcttgccgaa 240
 gcgcagctga gtggtgaact acaggatgag catccggaac aaccactat ggacgagctt 300
 gctcagacca tccgcaaca gttacaggca ccaagactgc gtaactaa 348

<210> 1170
 <211> 453
 <212> DNA
 <213> Enterobacter cloacae

<400> 1170
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 ctttcctggc tttttgccac cctggtgagc attgtgctca tcttcaccct tccgctgacg 120
 cgctcctgct gggaaatcac caaactgtcc ctcgttcctt atggaaatga agccgtgcac 180
 gtggatgagc tggagccgga aagaaaaaat gccctgatga ataccggcgg cacgctgctg 240
 aatattttat ggctgatctt ctttggctgg tggctgtgtc tgatgcata tttcgccggc 300
 atcgccagtg gcattacgat tattggcatt ccggttgga tcgctaattt caaaattgcc 360
 accatcgccc tgtggccggg aggaacccga gttgtcccg tcgaagtcgc gcaagccgcg 420
 cgtgaagcca atgcccgtcg tcgtttttcag taa 453

<210> 1171
 <211> 2178
 <212> DNA
 <213> Enterobacter cloacae

<400> 1171
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 ctgtataacg tcaggatattt tatcgccctc tgcggcaccg tcgctctgcc gtggtggctg 120
 aatgatgtga agctcaccat cccctcacg cttgggggtg tggccgggtg gctggcggat 180
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 acggtgtcca ccagcggctt cattttgtct ggccgacctg ggcaacgcta cgccactatc 360
 gcgtttggcg cctgctgat tgccatttac accatgctgg gcgtctctct ttacgagcag 420
 tggatatcagc aaccggtcct gctgatgttg ggtatctatc ggtataacct gctgacctta 480
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ccgcgcgcta	cggcagaaat	ccgtgagaca	gccttccgcc	tgctgtgtct	gaaccacacg	1860
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ctgccggaaa	tttgtcggct	gcgacagcag	atcgctacct	ggcggaatga	tggccctgcg	2160
actcaggcag	cgcattaa					2178

<210> 1172

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 1172

cgaggtaacc	tcacggataa	gattatggaa	ctgacaacac	gcacacttcc	ggcgcgcaag	60
cacattgctc	tggttgcgca	cgatcactgt	aaacaaatgc	tgcttaactg	ggttcgctcg	120
catcagcctc	ttttacagca	tcatgccctt	tctgctacgg	gaacaaccgg	caacctgatc	180
caccgcgaaa	ccggtctgga	agtgaatgcc	atgctgagcg	gcccgatggg	gggtgaccag	240
caggtaggcg	ctcagatttc	agaaggtaaa	attgacgttc	ttatcttctt	ctgggatccg	300
ctgaacgcgg	ttccgcatga	tccggacgtt	aaagcgctgc	tgcgtctggc	gacggtgtgg	360
aacattccgg	tagccaccaa	tctttcaacg	gcagatttca	tcattgaatc	gccgcagttt	420
aacgatccgg	tggagatttt	gatcccggat	tatcagcggt	atcttgcgga	gagactgaag	480
tag						483

<210> 1173

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 1173

ggaaataaga	tgaaaaaacg	cgtactcggt	attgccgctc	tggtagcgcg	cgactgggtc	60
gtttcaggct	gcacaaccaa	cccttacacc	ggtgaacgcg	aagcgggcaa	atccggcatt	120
ggcgcgggta	ttggttcctt	ggtaggcgct	ggcgttggcg	tactctctct	ctccaagaaa	180
gatcgcggca	aaggcgcgct	gattggcgca	gcggcaggcg	cagccctggg	cgcgggcggtg	240
ggttattaca	tggacgtgca	ggaagcaaaa	ctgctgacga	aaatgaaagg	tacgggctga	300
agcgtgacgc	gcagcgggtga	caacatcatc	ctgaacatgc	caaacaacgt	gacctttgac	360
agcagcagcg	cgacgctgaa	acccgcaggc	gcgaacaccc	tgaccggcgt	ggccgcagtg	420
ctgaaagagt	acaataaaaac	tgcctggaac	gtgattgggt	acaccgacag	caccggcagc	480
caggatctga	acatgcgtct	gtcgacgagc	cgcgcggatt	ccgtggccag	ctcgctgatc	540
acccagggcg	tagaagcgaa	ccgcatccgc	accagcgcca	tgggtccggc	taacccgatc	600
gccagcaaca	gcacggcgga	aggcaaaagc	cagaaccgcc	gcgttgaaat	tacgttgagt	660
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<210> 1174

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 1174

cctatgcaac	gttgcggctg	ggtaagccag	gatcagcttt	atatacgatta	tcacgacaag	60
gaatggggcg	taccggaaac	cgacggtaaa	aaactatttg	aaatgatttg	ccttgaaggc	120
cagcaggccg	ggctgtcgtg	gatcaccgtt	ctgaaaaagc	gtgagaacta	tcgaaaagcc	180
ttccaccagt	tcgatccggc	tgcggttgcc	gccatgaccg	acgacgacgt	acaaaagctg	240
gttctggata	ccggtatcat	ccgccatcgc	ggtaaaattc	aggccattat	tggtaacgcg	300
cgtgcttatt	tggcgatgga	gcaaaatggc	gaaccctttt	cagcatttgt	ctggctggtt	360
gtggataaac	agccgaaggt	gacgcaggcc	gccacgcttg	cagagatccc	aacgtcgacc	420
ccgcctcag	atgccctgtc	gaaagcgctg	aaaaaacgcg	gctttaagtt	tgtgggcacc	480
accatctgtt	actcctttat	gcaggcctgc	gggctggtca	atgaccacat	tacgggctgc	540
ttctgccatc	cggaggggcca	ccatgatccg	caaatggcaa	agtga		585

<210> 1175
 <211> 1170
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1175
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 tgggggtgagg gcatcagacc gccacccggc aaattgcttg attcgccaga ttttcccgt 120
 aaggtattct cactaaattc agggaaatca gcgatgatca aaccaaccg ggccaccatc 180
 agcgacgtgg cgaaagccgc caaaaccggc aaaaccagca ttacagcta cctcaacggc 240
 gagaaacacc tgctgtccga tgcgctgctg gcgcggatcg aacaagccat tgccgatctc 300
 gactaccgtc ccagcctgat ggcgcgcgcc ctcaagcggg gacgcacccg cctgattggg 360
 cttatcatcg ccgatatcac taacccctac tccgttaacg tactcagcgg catcgaagcg 420
 gcgtgccggg aaaaaggctt taccgcgctg gtctgtaaca ccaataacga agttgatcag 480
 gagttgcatt acctcgatct gctgcgcagc tatcagggtg aagggatcgt ggtcaatgcc 540
 gtcgggatgc gcgaagagg gctaaatcgt ctgcaacaat cgtctctccc gatggtgctt 600
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 gaaccgcttg gcatggttaa caccgcgctg gaccgcctgg ctgcatttcg cgccacgctg 780
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<210> 1176
 <211> 942
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1176
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 ctgaatgtcg ctaccggcct tgccggtgctg gggctgaatg tcggctgggt gagccgcgtg 180
 ggcaatgaca gctttggcca tttcggttctc gactcgctga aaaaagaggg cattgatgcc 240
 gcaggcgtea cctttgacgg acgcttccc acgggctttc agctgaaatc taaagttgaa 300
 aatggaacgg atcccatcgt ggagtatttc cgcaaaggct cagcggcaag ccactctctc 360
 gtggatgatt atcacgccg ctatttctcc gccgcgcgc acctgcacct gagcggcgtg 420
 gcggcggcgc tctcggccag ctcgtagcat ttactcgatc acgcggcttc ggcaatgaaa 480
 gcgcagggca aaaccatctc ttttgatccg aatctgcgcc cgggtgctgt gaaaagcgaa 540
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 gtgggcgcgg gcgatgggtt tgccgtcggg gtcacagcg cctgctgga gggcaaaccg 840
 ctgtcgcagg ccgtggcgcg aggcaacaaa attggttcgc tggcgattca ggtgcagggc 900
 gacagcgaag gattaccaac acgagcagag ctcggcgctc aa 942

<210> 1177
 <211> 1338
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1177
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 tacagcctgg cgtacctgga tcgtgccaac tttagtttcg catccgcgcg cgggatcaac 180
 gaagacctcg ggatcaccaa aggggtctcg tccctgctgg gcgccctctt cttctggggg 240

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attttcatct	gcctgatctt	atgggggtgcc	tgtgctcgcc	ttactggcgt	ggtgaataac	360
attcctgctc	tggcggtat	tcgctttatt	ctcggcgtgg	ttgagggcgc	cgatcatgcca	420
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gccttctgct	ggtgggtgtt	ggtgaaagat	aagccagccc	aggcgaaatg	gctttctgaa	660
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<210> 1178

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 1178

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gaaacacgct	acaacatggc	ggcgaccgcc	gtggataacc	tgattgccgc	gctcggcggt	960
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<210> 1179

<211> 507

<212> DNA

<213> Enterobacter cloacae

<400> 1179

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ccagcgctc	gtttcgccga	taacgaagac	cacgtaagta	tcattccagcc	cgctcagccgg	420
agcctggtag	gtgaactttt	tggttgggtt	aatcagcgat	ttcacatcgc	tggattcgtc	480
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<210> 1180

<211> 552
 <212> DNA
 <213> Enterobacter cloacae

<400> 1180
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 aaatggcaaa gtgagaacac cgcgcgcgtt ttgagtctgt ggctggagag caccaccgag 180
 gcgcatccgt ttatcgacgc aagttactgg caagcgaatg aagcggtagt gcgggatgaa 240
 taccttcccg ccgccgagac ctgggtctgg gaagaaaacg gtaccctgtg cggttttatc 300
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 caaacgcgct aa 552

<210> 1181
 <211> 231
 <212> DNA
 <213> Enterobacter cloacae

<400> 1181
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 agctcgaagc tggggaatgg ctgcgcgggg aatacggcgc tggcatgggt ggagaaatat 180
 gagggggccg cgcttaccct tacggcggtt gatccgcctg ccagctcatg a 231

<210> 1182
 <211> 375
 <212> DNA
 <213> Enterobacter cloacae

<400> 1182
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 gcttttgctg ggcaacagga atatatcgtt tcagatgcac aaagtaatac gacggaacgt 180
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 cgcacccaga atgcctacgg ggttttaccct gaacgatccc tccgggttcgg atgcggaaac 300
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 ggcgtggcgc actga 375

<210> 1183
 <211> 324
 <212> DNA
 <213> Enterobacter cloacae

<400> 1183
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 gaccagggtg atgagaaagt cgtgaccaag ccgtcaaacc ctttgcaacc gctgatcccc 120
 gcggcgaggc tctttactca gcagttgggt cagggtgggtg actttattag tgaacaaggt 180
 acgcagggtg gctttgtctc taacgggtatc cagttcccga cctcccagca ggcgagccag 240
 tataacgcgc tgatcgggtc gtcgcggtcc cagcatcagg ccttttagcca ggcctggagc 300
 gcagcggtcg ctgctacgga ataa 324

<210> 1184
 <211> 294
 <212> DNA
 <213> Enterobacter cloacae

<400> 1184
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gctgataaag	gtttcggctt	catcacacct	gacgatggct	ctaaagacgt	gttcgtacac	180
ttctctgcta	tccagaacga	tggctacaaa	tctctggatg	aaggtcagaa	agtttccttc	240
accatcgaaa	gcggcgctaa	aggcccgagca	gctggtaacg	ttgtaagcct	gtaa	294

<210> 1185

<211> 534

<212> DNA

<213> Enterobacter cloacae

<400> 1185

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tttgtcacac	cgcttttgcg	tggaacacag	aatatatcgt	ttcagatgca	caaagtaata	120
cgacggaacg	ttatacatgg	gacgccgatc	accaacctcg	ttatgaagat	attctcgcgg	180
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gataacaacca	ccacgcagtc	gcttaccgat	cccctctggc	atgccagcgt	gaactcattg	420
ggttggcgtg	ttgatacgca	gtatggtgat	ttacacccct	gggcgaagat	cagctataac	480
cagcaaaactg	aagaagaata	tttatatacg	ctgggattga	gcgccaaaatt	ttaa	534

<210> 1186

<211> 1287

<212> DNA

<213> Enterobacter cloacae

<400> 1186

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gcggtgctgt	tcagacgagt	ggaagggtat	ttcgaacacc	tcactgtaag	aaatggaatt	180
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<210> 1187

<211> 2232

<212> DNA

<213> Enterobacter cloacae

<400> 1187

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<210> 1188

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 1188

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<210> 1189
 <211> 1194
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1189
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<210> 1190
 <211> 858
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 1191
 <211> 699
 <212> DNA
 <213> *Enterobacter cloacae*

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 aaccgaagcc aggacgagc tgacgaaatc cgccgccagt ggggtgctggc cttcaaagaa 240
 aacgggataa acaccatgga gcagggttgaa gccggcatgc gtatggtgctg tcgccaggag 300

cgtccattct	tgccatcgcc	tggccagttc	atcaagtggg	gcaggggaagg	gcgctgcgtg	360
ctgggggtca	ccaccgcaga	cgtgatggct	gaatactgga	agtggcgcaa	gctgggtgtt	420
cggtagccga	gcagtgcaga	gtacccctgg	ccgaagccgg	tttattacca	catttgcctc	480
gagctgcggc	gtcgcggaac	tgatggccaa	ctcagtcaca	aagagcttga	gcgtgaggcc	540
ggtgatattc	tgataggtg	ggaaaagcgg	gtgctagccg	ggaagccgat	tccgcctatt	600
cgtcgggcgt	tggctgcgcc	agttgctccg	aaagggccga	caccggcgga	gcttttgaaa	660
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<210> 1192

<211> 312

<212> DNA

<213> Enterobacter cloacae

<400> 1192

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cgtccaaact	ggtttcaagt	ttccgataaa	ggtggcaagg	ctatagcagc	gctccatcat	120
tacgccacta	ctggtacagg	tttacctgcc	gagctgatcc	atttaatttt	tttaagagtt	180
tcccagatca	atggttgtgc	acactgcata	gatatacata	ctcgcgatct	tatcaagagt	240
ggcatgtccg	tcgaaaagat	tgtattgtgc	ctgttctggc	gagaaccttc	ctattttatt	300
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<210> 1193

<211> 486

<212> DNA

<213> Enterobacter cloacae

<400> 1193

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gctggcatgg	aagtcgtaca	caggcgagag	cctgaccttc	cggaggcacg	taaagtcgcg	180
tggttaagt	acctaactcg	cccttttgcg	cttgtccttg	tccaggttga	tgctgtgact	240
gacacccctt	taggtaattt	tggtcacttg	ggagtacgtt	gttcaagcat	tgaagaaatc	300
gacaataaaa	tagcgatggc	caggatggag	ggcatcttgc	gaaaagaacc	tggtcagaca	360
ggggaaccgg	taggttatta	tgtcttcttc	gctgatcctg	atggtaaac	acttgaactt	420
tcttatggtc	agaaagtcgg	gatcgaggct	tttcgtcatt	atgatacagt	gcctgcactc	480
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<210> 1194

<211> 474

<212> DNA

<213> Enterobacter cloacae

<400> 1194

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tatcaaatca	ctttgccctg	gccgcgcagc	aataaccggt	attaccggca	caaccgcggg	180
cgcacgcaca	ttagcgctga	tggcggttgc	taccgctatg	cagtcgccag	cgctattcga	240
agcgcccgcc	ttaatatccg	cacggccgca	ccactcaaaa	tccgtattga	atgtcacatg	300
cccgaaccgc	gacgcgcgca	tctggataac	ctgcagaaag	ctgcatttga	cgctctaacc	360
aaggcgagat	tctggctgga	tgactgccag	gttgtcgact	atcgcgttgt	gaaaatgcct	420
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<210> 1195

<211> 894

<212> DNA

<213> Enterobacter cloacae

<400> 1195

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ttatccctgt	cgacctgccg	ctatgaggct	caccgtccgg	ctgctgatgc	gcatttatca	180

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ctgctccgtc	cggcggcgcc	caatctgacc	tggtcgtatg	atttcgtcat	ggacgcactt	420
tccaccggtc	gcaggatcaa	gtgtcttacc	tgcgtcgatg	atttcacaaa	ggaatgcctg	480
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gattataacg	aatgccgccc	gcactccacg	ctgaattatc	agacaccgtc	tgaatttgca	840
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<210> 1196

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 1196

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ggccaggccg	atgtatggaa	cgtgaagctg	ttccgctggg	tggacaacaa	agaagattcc	180
gcattcttacc	gaaagaacgt	cgaacagctg	gtgccgcgca	tcatatatgt	attaccactt	240
cgataaccgc	accgtgtcgt	aaagtacgac	tcgtttgcgt	accggatggc	caggttggaa	300
aaagaaagtga	gtgaggcgaa	gcaagctttg	atgctcgatg	caccgaagaa	ggtaaagctg	360
aaggagttag	gcgaggggat	tttcgaaatg	ttccgtgtag	atccggatgt	aacagcgccg	420
ctgctggcga	tggtcacaac	catgctgggg	gcaatgtga			459

<210> 1197

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 1197

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ccgggagggtc	gtatggccga	cctgtcgaac	gggtatacca	aggctcgctaa	cgagatccaa	180
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ctctcacgcc	atcctgaagc	tgacagcggg	atatacacc	cagcgggtaa	atcatgggga	660
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tggaaagaca	acatcctgag	cccttcgagt	ctgcgcaagc	agtgggatca	gctcactacc	900
aagcggctgc	gtgcaaccgg	aacggcaaa	ccatcccggg	gcggcatcga	cctgcttaac	960
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<210> 1198

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 1198

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attgatcgca	tgaagaaact	tcctgttggg	gctatacctg	cgctcgagtc	agaactgctc	120
aaaagactta	gcaagcagtt	tgatggttgc	cagattacga	ttaagcgtgc	cagtaatgat	180

ggtttgactg ttttcggggg cgacaagaaa gaggtcgaac atatcgtgca ggagacttgg 240
gaaagcgcgg acgagtgggt ttatttaa 267

<210> 1199

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 1199

tgtcttcata	agccacatga	ggacatcccc	atgaagaagc	gtttttccga	cgaacagatc	60
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gccatttccg	atgccacgtt	ttacatctgg	cgtaagaagt	atggcgggat	ggaggtgcct	180
gaagttaagc	gcctgaagtc	gcttgaggaa	gagaacgcca	gactcaagaa	gctgcttgcc	240
gaagccatgc	tggataaaga	ggcgcttcag	gtggctcttg	ggcgaaagta	ctga	294

<210> 1200

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 1200

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ccggtcggct	gcgatatttt	tgttgctcgt	gaaaaccgca	gcgggggtgcg	tagcgcagag	120
cagatgctcg	aagcctgggc	gccgctgacg	aaaatcgaca	gcgcccgctcg	ctgcggcctg	180
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caaacgctga	tccgtggcgc	aaccgcgtac	ctcaacagcg	gcggtgagct	gcgtattgtg	660
gcgaacgcct	tcctcgcata	cccgaaaagta	ctggatgaaa	cctttggctt	ccacgaagtg	720
atcgcccaga	cgggccgctt	taaggtctat	cgcaccgtga	tgacgcgcca	ggcgaaaaag	780
ttaa						783

<210> 1201

<211> 938

<212> DNA

<213> Enterobacter cloacae

<400> 1201

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ctggagcata	tccaggctga	tgtctgggtc	cgttaccagc	gaatgcgcgg	ccacgaggtg	180
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aatctgtgtg	acaagcgcgg	cgacaccgta	agcttcgacg	aatactggaa	gaaagattcc	900
gatgccgagc	tgtatcactt	catcggtaaa	gacatcgt			938

<210> 1202

<211> 1101

<212> DNA

<213> *Enterobacter cloacae*

<400> 1202

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gtaaattgacc	atcaggatca	aattacacaa	aacaacgctg	atagtattaa	ccgtgatagc	180
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ttagtcgtgg	ataaaatggc	taacgacgca	catcagaaag	cgttgcttgc	tggcgcactt	300
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gcgactggcg	caaaggggtga	taaaggggat	accggcgCGa	ctggcgcaaa	gggcgataaa	540
ggggataccg	gtgtaactgg	cgCGaagggt	gaaaaaggcg	atgctggcgC	gacaggtagt	600
aaaggtgata	agggtgatac	tggcgCacaa	ggcattgCGg	gaagaaacgg	tcgCGacggg	660
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<210> 1203

<211> 1401

<212> DNA

<213> *Enterobacter cloacae*

<400> 1203

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<210> 1204

<211> 1485

<212> DNA

<213> *Enterobacter cloacae*

<400> 1204

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cagcctgaga	tgtaccaggg	caaaacggtc	gcggagctgc	gcgaccgtat	taagctggat	180
ttcaaccgca	aagggctggg	caacgaagcg	gcgattgaac	gcgccgtgga	gttcttcctg	240
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gtggttagcc	aggcggcgga	agtactgatt	aacgccacca	accagagtat	ggactcctgg	360
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<210> 1205

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 1205

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gcgcacgctg	caccgcaagc	gtcgacagcg	ccttcgggca	tcaaggccta	cgaagaacaa	180
gagttttattg	ccgattttac	gaagttcaaa	attggcgaca	ccgcgcccgc	gcagtatcag	240
acgcccaggt	acaccatcaa	acagtaccag	ctacgtaacc	ttcctgcgcc	cgatgccggc	300
acacactgga	cctacatggg	cgagaattat	gttctgattg	gcgatgccga	tggcaaaatc	360
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<210> 1206

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 1206

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acaggcgcg	tgaagtgtct	ggtgaagaat	gaacgggcta	ttgcgtttta	ccatcgccac	420
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<210> 1207

<211> 2250

<212> DNA

<213> Enterobacter cloacae

<400> 1207

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<210> 1208

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 1208

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cgtcgggcta	ttgagagcgc	tgtagccgcg	ggcacaccct	gggttctgga	tccggttgcg	360
gttggcgcgc	tggcgttccg	caccggtttt	tgccagcaaa	tattatccct	taaacctgcg	420
gccattcgtg	gaaacgcctc	cgaaatcctc	gcccttgccg	gaatgagtgc	gggcgggcgg	480
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<210> 1209

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 1209

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ctgcccagaca	gacatatcgc	ctcggcgggg	atatacgggc	ttgaggggtg	cccggcggat	180
gacagcgccc	aggacgtcgc	ctggcggcac	gggatctccc	tcgacggtca	tgtggcgcg	240
cggctgacac	gcaatctgat	gcagggatcc	gatcttatcc	tggtgatgga	gccggaacat	300
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tggtctggagc	cgcaggatat	ccccgatccc	taccgtaaaa	gccgggaagc	gtttgaatat	420
gtgttcgggc	tattgggtaa	agccagccag	gaatgggcac	gtcgttttagg	tcagaaagga	480
atgaagcatt	aa					492

<210> 1210

<211> 1140

<212> DNA

<213> Enterobacter cloacae

<400> 1210

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cacaatctca	cgacgctgaa	agcgcttcat	cacgtcgcac	ggctggacga	tacgtcgcac	180
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gggcagatgc	cgctgcata	ttccttgcgt	gaagacctgg	acagcgggaa	accaacgggtg	1020
gtcagccgcc	cggacagcga	atttgcccag	atgtatcgcc	agcttgacgg	gcgcgttgcg	1080
gcgcagctct	actggcaggg	ggaagtgatc	ccgggtgaaa	tcgccttccg	cgcggtgtaa	1140

<210> 1211

<211> 1203

<212> DNA

<213> Enterobacter cloacae

<400> 1211

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tgctgatttt	caccgggtca	gcatctggat	cttgctggaa	aacagggtgat	gaccacagaa	180
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aatgccgacg	gtacgctttt	ctatccttat	gtcggtaaat	tgacgggtgg	aggcaaaacg	480
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gtctatgtca	ccactgcacc	actgtcccg	tggaatcgcg	tgatatcaca	gcttgttccg	1140
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taa						1203

<210> 1212

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 1212

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gaaaataact	ttactatttt	acacatcggt	gatttggttg	cagatattgg	atacagcaga	120
agaaccatcg	aaacatgggt	taaagagaag	tatcggtctc	ctttaggtga	atatattctc	180
cgacggaggt	taagccgtgc	cgccattatg	ctgagaatga	cgtcgattcc	ggtgacggat	240
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<210> 1213

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 1213

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gtaagcgtgg	tcgatctcgc	taaagccacc	ggcggtttctg	aagtcacccat	tcgtcaggat	120
ctgaatcttc	tggaaaaaca	gagctacctg	cgcggtgcgc	acggatatgc	cgttccactg	180
gacagcgacg	acgttgaaac	ccgcatgatg	aacaattatg	cactcaagcg	ggagttggcg	240
gagtttgctg	catccctggt	gaataacggg	gagaccgtct	ttattgaaaa	tggcagcagt	300
aacgcccttc	tggcgcgcac	gcttgccgat	caaaaagacg	ttaccatcat	caccgtaagc	360
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taccagaaga	aaagcgaag	catggtgggg	ccattaacgc	gccaatatgt	tcagcagggt	480
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cgcttcagcc	gtgtaatcac	ggatgagcgt	ttgcgtgatg	aatatcgcca	gcaattagaa	720
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<210> 1214

<211> 243

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (150)

<220>

<221> unsure

<222> (159)

<400> 1214

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gcaaaaaaac	tggcggtttcc	gcaccccccn	taccctaaant	ggacagcaat	aggcggttaac	180
tggcttgccg	gttttgattt	cgaaattaag	gttatcgcca	ggatccctac	gcccgcgaa	240
taa						243

<210> 1215

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 1215

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gacgaccgtt	ttttgctcga	tttagccctg	cccgatgaca	ttctcgcaag	ctgtgctggt	180
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<210> 1216

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 1216

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gctgagctgg	cgttcaccta	ccagaacgac	aagctgaaag	gccgtgttga	agaatttgcc	180
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<210> 1217

<211> 1941

<212> DNA

<213> Enterobacter cloacae

<400> 1217

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<210> 1218

<211> 2025

<212> DNA

<213> Enterobacter cloacae

<400> 1218

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<210> 1219

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 1219

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<210> 1220

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 1220

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<210> 1221

<211> 870

<212> DNA

<213> Enterobacter cloacae

<400> 1221

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<210> 1222

<211> 1407

<212> DNA

<213> Enterobacter cloacae

<400> 1222

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<210> 1223

<211> 915

<212> DNA

<213> Enterobacter cloacae

<400> 1223

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<210> 1224

<211> 1323

<212> DNA

<213> Enterobacter cloacae

<400> 1224

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<210> 1225

<211> 587

<212> DNA

<213> Enterobacter cloacae

<400> 1225

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<210> 1226

<211> 2334

<212> DNA

<213> Enterobacter cloacae

<400> 1226

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<210> 1227

<211> 2142

<212> DNA

<213> Enterobacter cloacae

<400> 1227

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<210> 1228
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 <212> DNA
 <213> Enterobacter cloacae

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<210> 1229
 <211> 975
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1230
 <211> 933
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1231

<211> 2499

<212> DNA

<213> Enterobacter cloacae

<400> 1231

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<210> 1232

<211> 795

<212> DNA

<213> Enterobacter cloacae

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<210> 1233
 <211> 1392
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1234
 <211> 501
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1235

<211> 1695

<212> DNA

<213> Enterobacter cloacae

<400> 1235

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<210> 1236

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 1236

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<210> 1237

<211> 1383

<212> DNA

<213> Enterobacter cloacae

<400> 1237

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<210> 1238

<211> 1347

<212> DNA

<213> Enterobacter cloacae

<400> 1238

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<210> 1239

<211> 411

<212> DNA

<213> Enterobacter cloacae

<400> 1239

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<210> 1240

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 1240

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<210> 1241

<211> 732

<212> DNA

<213> Enterobacter cloacae

<400> 1241

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<210> 1242

<211> 264

<212> DNA

<213> Enterobacter cloacae

<400> 1242

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tttggcgaag	cggcgcgttt	ccatacctgt	tcagcttcag	agatgacggc	cgcgagagctg	180

gtggcgtttc	tggcgggcgcg	cggaataatc	attccggcag	cagacggatt	ttccactcac	240
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<210> 1243

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 1243

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gcggtcagca	gacatgttcg	tacccttgaa	ctgtggttcg	actgcgagct	tttcaaaagg	180
caaggtcctc	gcgtggaggt	cactgaagcc	ggcgagtgcc	ttgccggaca	gctgaacgag	240
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<210> 1244

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 1244

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<210> 1245

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 1245

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<210> 1246

<211> 1287

<212> DNA

<213> *Enterobacter cloacae*

<400> 1246

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<210> 1247

<211> 996

<212> DNA

<213> *Enterobacter cloacae*

<400> 1247

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<210> 1248

<211> 765

<212> DNA

<213> Enterobacter cloacae

<400> 1248

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<210> 1249

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 1249

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<210> 1250

<211> 1281

<212> DNA

<213> Enterobacter cloacae

<400> 1250

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<210> 1251

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 1251

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<210> 1252

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 1252

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<210> 1253

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 1253

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<210> 1254

<211> 903
 <212> DNA
 <213> Enterobacter cloacae

<400> 1254
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<210> 1255
 <211> 2433
 <212> DNA
 <213> Enterobacter cloacae

<400> 1255
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<210> 1256

<211> 2091

<212> DNA

<213> Enterobacter cloacae

<400> 1256

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<210> 1257

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 1257

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267

<210> 1258

<211> 2760

<212> DNA

<213> Enterobacter cloacae

<400> 1258

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<210> 1259

<211> 189

<212> DNA

<213> Enterobacter cloacae

<400> 1259

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<210> 1260

<211> 1053

<212> DNA

<213> Enterobacter cloacae

<400> 1260

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gatgaaaagg	cgtcacgtcc	gctcattcgt	caggcgcttg	aagcgggcat	taattttttt	180
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gaaatggcca	gacgcgatga	gatcggtgtg	gcgacaaaga	ccttctttcc	gtggcgcaac	300
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<210> 1261

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 1261

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gcgcttgaat	cgcttaaccg	gtatcgtaat	accttaccg	gacgtatccg	aatcaatgct	420
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cccgatattg	aaatcgatat	tgtggccagc	aaccgatgg	ttgacgtcac	tgatgcgggc	540
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<210> 1262

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 1262

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ggacctgcgg	ctctggttga	ctcaaagctc	agcagcggcg	aatacctggg	gaaaggcaaa	480
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<210> 1263

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 1263

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ggcctttacg	cccggataaa	gaaaattgcc	gtaggtttcc	attgtcctca	gtgcatccgg	180
caatga						186

<210> 1264

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1264

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cagttatacc	cgcaactgac	ctgcatttcc	tggccaatgg	aatccctcct	gcaccagtgc	420
gtacagcgca	ttaaaagcat	cgttgagggg	cgcccgcttc	gcgaaacgga	actgccaccg	480
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<210> 1265

<211> 1068

<212> DNA

<213> Enterobacter cloacae

<400> 1265

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<210> 1266

<211> 453

<212> DNA

<213> *Enterobacter cloacae*

<400> 1266

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ggcaagacca	caattcttga	cgctatagat	ttgtgcctgg	gggcgcgacg	taatgtcagt	180
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ggcgtaaagg	ccgtgagtgg	tgatatcgag	aagtgttgtt	acgctggaaa	cagaataacc	360
acgctcaaca	acctgtttga	ctgcttcaat	tttaaacgct	ttaggataac	ccttaccgct	420
catggacacc	actcattaag	ccatcttaaa	tga			453

<210> 1267

<211> 909

<212> DNA

<213> *Enterobacter cloacae*

<400> 1267

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gcgcttaagc	tgctggaaga	tcatattggc	catccgcttt	ttgtgcgtac	gacccgccgt	180
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aaaaacgcgg	gtaaaacgaa	aagagtgaag	gccctgattg	atcttctgat	atccgctacg	900
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<210> 1268

<211> 1290

<212> DNA

<213> *Enterobacter cloacae*

<400> 1268

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<210> 1269

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 1269

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<210> 1270

<211> 561

<212> DNA

<213> Enterobacter cloacae

<400> 1270

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<210> 1271

<211> 894

<212> DNA

<213> Enterobacter cloacae

<400> 1271

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<210> 1272

<211> 1335

<212> DNA

<213> Enterobacter cloacae

<400> 1272

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<210> 1273

<211> 1080

<212> DNA

<213> Enterobacter cloacae

<400> 1273

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<210> 1274

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 1274

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<210> 1275

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 1275

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<210> 1276

<211> 939

<212> DNA

<213> Enterobacter cloacae

<400> 1276

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<210> 1277

<211> 552

<212> DNA

<213> Enterobacter cloacae

<400> 1277

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<210> 1278

<211> 1752

<212> DNA

<213> Enterobacter cloacae

<400> 1278

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<210> 1279

<211> 1581

<212> DNA

<213> Enterobacter cloacae

<400> 1279

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<210> 1280

<211> 1620

<212> DNA

<213> Enterobacter cloacae

<400> 1280

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<210> 1281

<211> 375

<212> DNA

<213> Enterobacter cloacae

<400> 1281

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<210> 1282

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 1282

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<210> 1283

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 1283

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<210> 1284

<211> 2106

<212> DNA

<213> Enterobacter cloacae

<400> 1284

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<210> 1285

<211> 1053

<212> DNA

<213> Enterobacter cloacae

<400> 1285

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<210> 1286

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 1286

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<210> 1287

<211> 1548

<212> DNA

<213> *Enterobacter cloacae*

<400> 1287

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<210> 1288

<211> 639

<212> DNA

<213> *Enterobacter cloacae*

<400> 1288

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<210> 1289

<211> 345

<212> DNA

<213> Enterobacter cloacae

<400> 1289

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aatatgtacc	gcgctgctga	ccatcgctgc	gccgaactgg	tctctggcgg	tcgtctgttc	300
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<210> 1290

<211> 780

<212> DNA

<213> Enterobacter cloacae

<400> 1290

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<210> 1291

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 1291

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<210> 1292

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 1292

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gcaacgcgcg	cgatgcatac	cgttgtggcg	gatctgtgca	ccggctgtaa	tctctgcgtg	480
gcgccctgcc	cgacgcagtg	tatagaacta	cgcccgggtg	aaacgactac	cgaaaactgg	540
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<210> 1293

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 1293

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<210> 1294

<211> 1371

<212> DNA

<213> Enterobacter cloacae

<400> 1294

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<210> 1295

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 1295

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<210> 1296

<211> 1134

<212> DNA

<213> Enterobacter cloacae

<400> 1296

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<210> 1297

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 1297

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gatacgctgg	aatatcggtt	tgatgaaaaa	ccgctgacgg	tgaagctgaa	caaccgcgct	180
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tccggtgcgc	gctactcaga	cgggatctac	gtcttctggt	cgaaaggcga	cagcgccacc	300
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<210> 1298

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 1298

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<210> 1299

<211> 1158

<212> DNA

<213> Enterobacter cloacae

<400> 1299

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gatacctaata	ttgaccttat	tgctattcct	acccctaacg	acactcattt	ccccctggcg	360
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<210> 1300

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 1300

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cattttgagc	tgttccctca	cctctccatc	attgagaacc	tgacgctggc	gcaggtgaaa	360
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cgcgtgatct	tcattggacga	agggaaaatt	gttgaagact	cacaaaaaga	agagttcttc	720
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<210> 1301

<211> 534

<212> DNA

<213> *Enterobacter cloacae*

<400> 1301

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accacggtcg	agcgtttggg	tgggtgtgga	acacagggga	aatataccca	gggaatgacg	420
gtggtggact	attactcgct	aacgggaaac	aagccgaata	ccacggtgat	ggtggatatc	480
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<210> 1302

<211> 507

<212> DNA

<213> *Enterobacter cloacae*

<400> 1302

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gaaattcgct	atgagtctat	agaatggaag	tacactgaag	gaaacataat	gtacaaagac	480
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<210> 1303

<211> 1035

<212> DNA

<213> *Enterobacter cloacae*

<400> 1303

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<210> 1304

<211> 1914

<212> DNA

<213> *Enterobacter cloacae*

<400> 1304

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<210> 1305

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1305

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<210> 1306

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 1306

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<210> 1307

<211> 675

<212> DNA

<213> *Enterobacter cloacae*

<400> 1307

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gcgggcgggg	tctattttgt	gattagttta	agcgcacgcg	tggttggtcag	ctggctgaag	660
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<210> 1308

<211> 609

<212> DNA

<213> *Enterobacter cloacae*

<400> 1308

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<210> 1309

<211> 753

<212> DNA

<213> *Enterobacter cloacae*

<400> 1309

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<210> 1310

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 1310

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ggcgaagcgg	caaaatgggt	cgacaaatgg	ttcaagaacc	caattccacc	aaaaaacctg	180
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<210> 1311

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 1311

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<210> 1312

<211> 2712

<212> DNA

<213> Enterobacter cloacae

<400> 1312

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<210> 1313

<211> 405

<212> DNA

<213> Enterobacter cloacae

<400> 1313

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<210> 1314

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 1314

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gcaggaaagc	gcggcaagaa	cgcagatatc	aaacgtattc	tcgataaaga	gggagagctg	180
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<210> 1315

<211> 1149

<212> DNA

<213> Enterobacter cloacae

<400> 1315

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agcgtataa						1149

<210> 1316

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 1316

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<210> 1317

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 1317

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<210> 1318

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 1318

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ctgcaccagc	agcggcgtat	tgcgaaacag	cgataccag	ccgctgacga	acgacgtccc	180

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aatccccgcc	agcgtcaccc	acagagtgg	gagaaatccg	gagaggatcc	agtgcagggg	300
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<210> 1319

<211> 843

<212> DNA

<213> Enterobacter cloacae

<400> 1319

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gttcacgcg	gtgacgagaa	gaagaaggat	atcgctcgcg	tggtgaacgt	gctgcactcc	780
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taa						843

<210> 1320

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 1320

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attgtcattg	cgggcgctact	gcgtaccgcg	ctggcggaacc	agcgcggtta	gcgcagtgag	180
ttgaccacca	aagcgatgga	aacggtgggt	aaagcgctgg	ccggctaa		228

<210> 1321

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 1321

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<210> 1322
 <211> 663
 <212> DNA
 <213> Enterobacter cloacae

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taa 663
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<210> 1323
 <211> 864
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1324
 <211> 909
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1325

<211> 828

<212> DNA

<213> Enterobacter cloacae

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attctggaaa	ccgcgtcccc	ggcgcaattt	ttcaaccaac	cgctcgcatcc	gcgtgcgagg	780
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<210> 1326

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 1326

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<210> 1327

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1327

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aacctgccgg	gtgtgtccat	tgctctgcc	gcgtggctg	aaaaagacaa	acaagacctg	600

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02/18/99

501

atcttcggct	gcgaacaagg	cgtggacttc	gttgctgcct	cctttatccg	taaacgttct	660
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<210> 1328

<211> 1602

<212> DNA

<213> Enterobacter cloacae

<400> 1328

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<210> 1329

<211> 1158

<212> DNA

<213> Enterobacter cloacae

<400> 1329

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cagcttatcc	gcctgtcggt	ggggattgaa	gatgcgaagg	atctgatcgc	cgaccttaaa	1140
caagcgctga	aaaagtga					1158

<210> 1330

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 1330

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<210> 1331

<211> 363

<212> DNA

<213> Enterobacter cloacae

<400> 1331

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<210> 1332

<211> 1770

<212> DNA

<213> Enterobacter cloacae

<400> 1332

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<210> 1333

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1333

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<210> 1334

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 1334

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<210> 1335

<211> 666

<212> DNA

<213> Enterobacter cloacae

<400> 1335

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<210> 1336

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 1336

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<210> 1337

<211> 486

<212> DNA

<213> Enterobacter cloacae

<400> 1337

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gatgctatcg	gtgtgatgtc	tcagctggac	gccagagccc	ttgagctgct	ggttgaggct	240
tataccgaat	accggcatca	ctgcgacacg	cttgaagttg	agggctacac	ctaccggacc	300
gaaacgcaga	acggggatgt	gctgatcaag	gctcaccgcc	cagccatcat	gaaagctgat	360

gccttgaaac	gtctgcgcgc	catgcttggt	gagttcggca	tgacgccagc	cagccgcacg	420
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<210> 1338

<211> 1326

<212> DNA

<213> Enterobacter cloacae

<400> 1338

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ctgacgcaac	tgaaaaatct	cgaaagcagc	aatcctgctg	ttcaggctct	ggccctgaga	1260
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<210> 1339

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 1339

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aaccagcaag	aagagatatg	cacatacgcg	gtgcattgca	acgcgcggaa	atgcccgcat	420
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<210> 1340

<211> 1335

<212> DNA

<213> Enterobacter cloacae

<400> 1340

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<210> 1341

<211> 1419

<212> DNA

<213> Enterobacter cloacae

<400> 1341

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<210> 1342

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 1342

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tcgctcagcg	aaacgctcgc	ctgcatgatg	cagatccacg	ttaatgcgcc	ttatctgctc	360

aaccatgccc	tacaggatct	gctgcgcgga	cacggtcattg	ccgcaggcga	cattatccat	420
ttcaccgatt	acgtggtaga	gcgaggaagc	gacaaacaca	tcgcctatgc	ggccagcaaa	480
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aacgcgattg	ctccggcgat	gatttttattt	aacgaaggcg	atgatgccga	gtatcgtcag	600
caggcgctca	acaagtcggt	aatgaaaatt	gcgcccgggtg	agaaagaggt	gatcgacctg	660
atcgattatc	tgctgaccag	ctgttacgtc	acggggccgaa	cgtttgccgt	ggacgggtggc	720
cgcccgtgc	gctag					735

<210> 1343

<211> 765

<212> DNA

<213> Enterobacter cloacae

<400> 1343

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atggaagtgg	ttgtcgagcc	tcgtggcgat	cgcgctgaag	acgtcgtagc	ccgcgaaaat	180
ccggacctgg	tggtgctgga	catcatgctg	cccggaaaag	atggtatgac	gctatgccgg	240
gatctgcgca	cgaagtggga	cggtccgatc	gtgctgctga	cctctctcga	cagcgatatg	300
aatcatattc	tgctcgcttga	gatgggcgcg	aatgactaca	tcctgaaaac	cacgccgcca	360
gcagtcctgc	ttgcccgttt	gcgcctccat	ctgcgtcagc	gtgccagcgg	cgcgagcgt	420
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gacccggtca	accgacaggt	tatgctttcc	ggggagctga	ttgcgctctc	aaccgcagat	540
tttgacctgc	tgtgggagct	ggcaacccat	gccggtcaaa	ttatggaccg	ggatgcatta	600
ctgaaaaatc	tgcgcggcgt	aagttacgac	ggaatggatc	gtagcgttga	tgtggcgatt	660
tcgctgctgc	gtaaaaaact	gctagataac	gccacggaac	cttaccgcat	taaaaccgta	720
cgcaataagg	gctatctggt	tgcaccgcac	gcctgggaaa	cctga		765

<210> 1344

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 1344

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<210> 1345

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 1345

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cgcgctcttt	ccctgcccga	ggtggcaaaa	ggcgcagaac	acgaccgcgt	gaacaccatt	180

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<210> 1346

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 1346

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ccggacaacc	tgccgatggc	agagctgtgg	atgggcgcgc	acccgaagag	cagctcaaaa	180
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<210> 1347

<211> 1608

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1581)

<400> 1347

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<210> 1348

<211> 345

<212> DNA

<213> Enterobacter cloacae

<400> 1348

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<210> 1349

<211> 1398

<212> DNA

<213> Enterobacter cloacae

<400> 1349

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1398

<210> 1350

<211> 1716

<212> DNA

<213> Enterobacter cloacae

<400> 1350

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<210> 1351

<211> 939

<212> DNA

<213> Enterobacter cloacae

<400> 1351

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<210> 1352
 <211> 1290
 <212> DNA
 <213> Enterobacter cloacae

<400> 1352
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<210> 1353
 <211> 969
 <212> DNA
 <213> Enterobacter cloacae

<400> 1353
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<210> 1354
 <211> 537
 <212> DNA
 <213> Enterobacter cloacae

<400> 1354
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<210> 1355

<211> 1350

<212> DNA

<213> Enterobacter cloacae

<400> 1355

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<210> 1356

<211> 2466

<212> DNA

<213> Enterobacter cloacae

<400> 1356

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<210> 1357

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 1357

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caactgcttg	acggtccgta	cgtggaaaact	gacggcaacg	tggtagcagc	atttcgcctt	720
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<210> 1358

<211> 1500

<212> DNA

<213> Enterobacter cloacae

<400> 1358

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<210> 1359

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 1359

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<210> 1360

<211> 564

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (19)

<220>

<221> unsure

<222> (20)

<400> 1360

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cacctggcgg	ataacgaagg	catcgttcac	gttgccggct	gggtcggtct	ggtttgcggc	480
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564

<210> 1361

<211> 906

<212> DNA

<213> Enterobacter cloacae

<400> 1361

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<210> 1362

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (982)

<400> 1362

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gagtccacag	agatcctgac	gatctttccg	tggtacaact	acgtgggttg	ccttttcatt	360
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aaccagggac	agatcggcga	atatgatacc	gccatcgcca	gcataaagaa	gcgtgccgac	960
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<210> 1363

<211> 1110

<212> DNA

<213> Enterobacter cloacae

<400> 1363

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gactggcgca	ccattattac	cctgagcgg	ttgatgatgc	tcaccaaagg	cgtggagctg	180
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<210> 1364

<211> 1551

<212> DNA

<213> Enterobacter cloacae

<400> 1364

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<210> 1365

<211> 726

<212> DNA

<213> Enterobacter cloacae

<400> 1365

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<210> 1366

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 1366

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<210> 1367

<211> 1590

<212> DNA

<213> Enterobacter cloacae

<400> 1367

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<210> 1368

<211> 1398

<212> DNA

<213> *Enterobacter cloacae*

<400> 1368

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cagggttaca	gcccggcggt	aatggcggtg	gtggagcagg	agggcttcgg	cgatatctac	840
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gaggatgggg	cagaggtgat	gggctatctc	ggctgggggt	tgattgacat	tctcagctcg	1260
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<210> 1369

<211> 1338

<212> DNA

<213> *Enterobacter cloacae*

<400> 1369

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<210> 1370

<211> 1098
 <212> DNA
 <213> Enterobacter cloacae

<400> 1370
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 gtggcgctgg tctggtggtt ttttaaccgt aacgaagaga ccaaccgacga cgcctttacc 180
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 cgcggcggtg accgcgcgc gaccacgcaa caaagtatcg atgccgcgaa cgctcagctg 540
 cgcagcgcgc aggcggggct ggccagcgc caggcgcagc tggaggtggc ggagcaggtc 600
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 gagctggaag gccatcga cagcatccag cagggcagcg gctcgcgctt ctccgccttc 960
 ccgtcggaaa acgccaccg taactttgtg aagatcgttc agcgcgtacc ggtgaaaatc 1020
 gtgattgata aagggtgga tccgaacaag ccgctgccgc tggggctgtc ggttgaaccg 1080
 aaggtcaccg tggaatga 1098

<210> 1371
 <211> 1062
 <212> DNA
 <213> Enterobacter cloacae

<400> 1371
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 cgctggcagg acggatcaac accgtgcaca acgcctctca gacaaattat tgccgtgaag 180
 gattttaacg atgtgaccag cgggactaaa ggcggttggg ttgaggatga acacgcgctc 240
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 atatccggta acgcccgcct caccacaacc tgcatcgtaa gccaccgcgc acacgtttggc 360
 ggcaacggct ggcttgacgc ggcaaggtg agtcacggg cggtataaag tgacaacgtc 420
 accattcagc actccaccgt acgcggggaa tgtcgtatcg cgggtgacgc gcgggtgctg 480
 cataatagcc tgggtgattg agccaaaagg ctgacaccg accgtgagca gatcctgcaa 540
 atttatgacc gagccacggc cagccagtcg cgtattgtgc atcaggcgca aatctacggc 600
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 cgggcgcgta tcagcggcga tgtcctgatt gagcatcagg tggaaataac ggacgatgcg 960
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<210> 1372
 <211> 1254
 <212> DNA
 <213> Enterobacter cloacae

<400> 1372
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 accccgggccc agcacgacat ggcgcgggag ctggcgaagg agctgaaaac gctggggtta 180
 gatgatattg tgatagatga gttcgccacc gttaccgccg tgaaaaaagg taatgttccc 240
 ggcgcgccgc ggattggttt tattaccat atcgacaccg tcgacgtcgg tttatccccg 300

gatatttcac	cacaaatatt	aaccttttac	ggggatgac	tctgtctgaa	taaagagaaa	360
gatatttggc	tgcgcgtaaa	agagcaccgc	gaaattctgg	cttatcctga	tgaggagatt	420
attttcagcg	acggaaccag	cgtattaggc	gcagataata	aagcggccgt	caccgtggtc	480
atgacggtgc	tggaaaacct	caccgctgag	cacaaccatg	gcgatattgt	ggtggcggtt	540
gtgcccgatg	aagagattgg	cctgtgcggc	gcgaaagcgc	tggatttaaa	gcgcttcgac	600
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atccccatgc	gcggtggcac	ggatggggcg	gccctgtcag	ccaaaggcct	gctcaccgcc	1140
aacttcttca	ccggcgccca	taacttccac	tcgaagtttg	agtttttacc	gctgtcgtcg	1200
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<210> 1373

<211> 846

<212> DNA

<213> Enterobacter cloacae

<400> 1373

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aaaatcgcc	cgctggaaag	ctgggttcggc	ttcccgtgt	tcgagcgcca	tgcccgcggc	180
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<210> 1374

<211> 1524

<212> DNA

<213> Enterobacter cloacae

<400> 1374

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aaacaccacg	tcagcctcga	ctga				1524

<210> 1375

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 1375

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ccgctgtcgg	cgttttatgc	cgatggcaac	gacaataagt	taatccgtct	ctctttttgcg	1140
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<210> 1376

<211> 1746

<212> DNA

<213> Enterobacter cloacae

<400> 1376

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ctggcaatgg	ctgccctgag	cggcacttct	ggccttgctt	ctctgttttc	ccaggcggcg	180
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<210> 1377

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 1377

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<210> 1378

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 1378

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taa						603

<210> 1379

<211> 861

<212> DNA

<213> Enterobacter cloacae

<400> 1379

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<210> 1380

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<400> 1380

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<210> 1381

<211> 1599

<212> DNA

<213> Enterobacter cloacae

<400> 1381

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cattcaacga	tttttgagcc	agtccgtaaa	gaggtcacgg	gctatgaaat	tgatcccttc	1560
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<210> 1382

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 1382

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cgtgccgata	ttctcgccgc	aggtctgggt	tacaacagcg	aacgcagcaa	aaactatcag	360
ccgggccgga	cctactactc	cgtgtcgcag	caggtggttt	atcgtgtggg	tagcctgcgc	420
ccgcgctcac	tggccgacat	caccgaccag	caattgacca	ttgcgccagg	ccatgtggtg	480
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<210> 1383

<211> 777

<212> DNA

<213> Enterobacter cloacae

<400> 1383

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<210> 1384

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 1384

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catgcgcaaa	tcgctgatca	ccagatcgat	tttctcgcg	ctgagcactt	tcagcccctc	720
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<210> 1385

<211> 1485

<212> DNA

<213> Enterobacter cloacae

<400> 1385

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<210> 1386

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 1386

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cgtcagaagg	gccacaccga	gctataccgt	ggcgagaggt	acatggtgga	ctttctgccg	180
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<210> 1387

<211> 1365

<212> DNA

<213> Enterobacter cloacae

<400> 1387

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<210> 1388

<211> 3918

<212> DNA

<213> Enterobacter cloacae

<400> 1388

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<210> 1389

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 1389

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ccgcaaaaac	agctggccga	tttcctttca	acacgttgcg	atgatatactg	gagcctgtcg	240
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cagctctcga	cgcgtaagcc	ggcaggcagc	tatctgccc	atgggtcgaa	aggcaactct	720
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<210> 1390

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 1390

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ccgattatcc	cggttcattga	aggtgacggt	atcgggtgtag	acgttaccct	ggcaatgctg	180
aaagtgggtg	atgccgctgt	tgagaaaagcc	tacaaaggcg	agcgtaaaat	ttcctggatg	240
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aaaaccgtca	cctatgactt	tgaacgtctg	atggaaggcg	ctaaactgct	gaaatgctca	1260
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<210> 1391

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 1391

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ccggtagaag	aggcagagcg	tacgccgctg	gcacactatt	tccagctgct	gctcactcgc	180
ttatacaaca	atgaggaaat	cagtgaagag	gcgcagcggg	agatggctgt	ccaggcggag	240
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<210> 1392

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 1392

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<210> 1393

<211> 282
 <212> DNA
 <213> Enterobacter cloacae

<400> 1393
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 gcgctggttg ttctgtttat ctacagaaaa atcaaaagct aa 282

<210> 1394
 <211> 669
 <212> DNA
 <213> Enterobacter cloacae

<400> 1394
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 acgcggttca tactgttcaa taaaccctac gatgtattgc cgcagtttac cgacgaggcc 180
 gggcgacaga cgctgaagga ctttatcccc gtacagggag tctacgcagc gggacgtctg 240
 gatcgcgaca gcgaggggct gctggtcctt accaatgacg gcgtgctcca ggccaggctt 300
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 caggtcaggc gcatgactgc gcatgtgggc ttccctaccc tgcgactcat tcgctacgcc 600
 atgggcagct atacgttgga ctgctgggca aacggggaat ggcgggatgt taccctaag 660
 gagaactga 669

<210> 1395
 <211> 1287
 <212> DNA
 <213> Enterobacter cloacae

<400> 1395
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<210> 1396
 <211> 657

<212> DNA

<213> *Enterobacter cloacae*

<400> 1396

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<210> 1397

<211> 1143

<212> DNA

<213> *Enterobacter cloacae*

<400> 1397

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<210> 1398

<211> 1425

<212> DNA

<213> *Enterobacter cloacae*

<400> 1398

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<210> 1399

<211> 297

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (71)

<220>

<221> unsure

<222> (81)

<400> 1399

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<210> 1400

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 1400

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<210> 1401

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 1401

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cctttcctgc	gctttttatt	cgccgttgag	cttaacgaaa	cgtgcgccac	tgaaccgcac	300
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<210> 1402

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 1402

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catcaggttg	acgatgctga	agacgcgaaa	gaggccgatt	attatctcaa	tgaacacctg	180
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cgcgaaagcc	acaccattga	cgtgctgatg	ggccgcctgc	gtaaaaaat	tcaggcgacg	660
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<210> 1403

<211> 1464

<212> DNA

<213> Enterobacter cloacae

<400> 1403

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<210> 1404

<211> 1431

<212> DNA

<213> *Enterobacter cloacae*

<400> 1404

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aaagaaaaga	tcagttatgg	gttaggcgat	atggcgagcc	atattgggct	ggataacgtc	180
attatttttc	tgacgtttta	ctatacggac	gtggtggggc	tacctgccgc	attcgtgggc	240
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<210> 1405

<211> 2052

<212> DNA

<213> *Enterobacter cloacae*

<400> 1405

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<210> 1406

<211> 411

<212> DNA

<213> Enterobacter cloacae

<400> 1406

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aaacgcctgg	cggccctcgc	ccgacagcag	accgtgacgc	tactctacgg	ggcgaaaaac	360
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<210> 1407

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 1407

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ggcatggttg	gcagtgttga	tatttctgtca	tcattatcag	acaaggcccg	ccagttagt	240
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<210> 1408

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 1408

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agccacaaca	ccaccgtcgc	gatttccatt	ctggctctga	tcatcgttcg	cgtcacaccg	180
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ggcaccgtgt	taggcgtggc	gctgtttcgt	ggcgtgccgg	ttggcccgtt	gattgctgcc	480
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<210> 1409

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 1409

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<210> 1410

<211> 1143

<212> DNA

<213> Enterobacter cloacae

<400> 1410

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ttcggaacag	atgatgaagc	ggcaaaaagc	gctgcaatcg	agatgaaccg	tataaccgca	180
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ggatctcacg	ttccagaaaa	aacgatatac	agatatttta	aggaggcaag	agataaagca	960
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<210> 1411

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 1411

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cagggtgcaa	aagcactgg	ctgcaaggta	aaaggcaacg	gcgttaagaa	acatattctg	240
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ctaaaggcct	ctctcgccag	tccggcagaa	gtggatgcgc	ttaccggctg	cgttttcggc	360
gccattcccc	ccttcagctt	tcatccggat	ctgacgctgg	tcgccgatcc	gctgctggtt	420
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<210> 1412

<211> 1197

<212> DNA

<213> Enterobacter cloacae

<400> 1412

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<210> 1413

<211> 753

<212> DNA

<213> Enterobacter cloacae

<400> 1413

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<210> 1414

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 1414

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gcgtcagtg	actgtctgga	gaaaggggga	gagcaaattc	ctgttcaaag	ccgcgagggt	180

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cgcgatcacc cgcaaccaac cagatga 267

<210> 1415

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 1415

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gcgctggggt	atgactccac	caccgccttc	atcaccatgt	ttaagaaaag	gctgggacag	780
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<210> 1416

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 1416

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aagcaggtcg	cgttcaccca	cccgtactac	gcgaactctg	cggtgggtgat	tgcgaagaaa	180
ggagcttata	aatctttcga	cgagctgaaa	ggcaagcgca	tccggcatgga	gaacggcacc	240
acgcaccaga	aatacctcca	ggacaagcat	cctgaagtga	aaaccgtggc	ctacgacagc	300
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<210> 1417

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 1417

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<210> 1418

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 1418

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<210> 1419

<211> 1803

<212> DNA

<213> Enterobacter cloacae

<400> 1419

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<210> 1420

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 1420

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<210> 1421

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1421

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<210> 1422

<211> 1086

<212> DNA

<213> Enterobacter cloacae

<400> 1422

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<210> 1423

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 1423

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<210> 1424

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1424

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<210> 1425

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 1425

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<210> 1426

<211> 1542

<212> DNA

<213> Enterobacter cloacae

<400> 1426

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<210> 1427

<211> 1218

<212> DNA

<213> Enterobacter cloacae

<400> 1427

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<210> 1428

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 1428

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<210> 1429

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 1429

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gcacacgcgg	tgggcgagtg	gtgcgcaccc	gtcagcggcc	cggagcaggg	ctttcgcaat	180
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<210> 1430

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 1430

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<210> 1431

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 1431

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cacgtctata	actggtctga	ctatatggcg	ccggataccg	tcgccaattt	tgaaaaagag	180

accggcatta	aggttgtcta	cgacgtattc	gattccaacg	aagtgtctgga	aggcaaactg	240
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<210> 1432

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 1432

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<210> 1433

<211> 2097

<212> DNA

<213> Enterobacter cloacae

<400> 1433

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<210> 1434

<211> 477

<212> DNA

<213> Enterobacter cloacae

<400> 1434

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<210> 1435

<211> 2187

<212> DNA

<213> Enterobacter cloacae

<400> 1435

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<210> 1436

<211> 1818

<212> DNA

<213> Enterobacter cloacae

<400> 1436

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<210> 1437

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 1437

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<210> 1438

<211> 1134

<212> DNA

<213> Enterobacter cloacae

<400> 1438

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<210> 1439

<211> 678

<212> DNA

<213> Enterobacter cloacae

<400> 1439

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caggccgacg	gcctcgatcg	tcgctggcat	aacaccttct	ggattgattc	cgctaccggc	600
caggtacgcc	agagcgaaca	gatgctcggc	gcgggcgtat	tccctgtcgc	catgacgatg	660
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<210> 1440

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 1440

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gatgctcttt	ggtcactgga	cgggcaaaaa	agagatcccg	gacccaccgc	taaaaccgcg	180
gacgcatttg	aatatgttta	tgggctgctg	gagcaggcca	gtctggaatg	ggcgaaacgc	240
ctcagttaa						249

<210> 1441

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 1441

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accgccgaat	actgtatggt	gccgcgcgca	acccataccc	gtaatgcccg	tgaagcggca	360
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<210> 1442

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 1442

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ctgaaatccg	ggcgtaaaaag	cccgattttc	ttcaacgccg	ggctgtttta	taccgggccc	180
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gcaacccttg	cgggcggtgt	gatttcgctc	gatcgtcagg	agcgtggggc	cggcgacatc	540
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aaagatctga	ttgcgtatct	ggaagagaag	cctgagatgg	ctgatcatct	ggcggcggtg	660
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<210> 1443

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 1443

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gggtttgccg	cagaaacgaa	taatgtggaa	gaatatgccc	ggcaaaaacg	taccgcgaaa	120
aacctcgatt	taatttgccg	gaacgacgta	tcgctgtcca	cgcaaggatt	taacagcgac	180
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<210> 1444
 <211> 684
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1444
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 aatacggatg agaccctgct ggcaagccag atcctggcat tttgcgaagg gatgctctcc 600
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<210> 1445
 <211> 918
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1445
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 gactttatga tgcaggagtt caatcgcgag tcgaacacgc tggcgctctaa gtctatcaat 840
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 atccagaata tcgagtaa 918

<210> 1446
 <211> 579
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1446
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<210> 1447
 <211> 645

<212> DNA

<213> *Enterobacter cloacae*

<400> 1447

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<210> 1448

<211> 570

<212> DNA

<213> *Enterobacter cloacae*

<400> 1448

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<210> 1449

<211> 1578

<212> DNA

<213> *Enterobacter cloacae*

<400> 1449

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ctgattaacc	agttcaaggc	cgacggtctg	agcatcattc	tgggtctcttc	cgagatgcca	1440
gaagtattag	gcatgagcga	tcgcattatc	gtcatgcatg	aagggcattc	cgcggtgaa	1500
ttcactcgcg	agcaggccac	ccaggaagtt	ctgatggctg	ccgctgtggg	caagcttaat	1560
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<210> 1450

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 1450

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ctggtaacgg	cgctgctgga	aggaaaagca	atggatgacg	cgatccgctt	cgcgcatgcc	180
gccgctgcga	tcgcggtgac	gcgtaaaggc	gctcagcctt	ctgttccatg	gcgtaaagag	240
attgatgaat	tcttaagtca	gcaggggtaa				270

<210> 1451

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 1451

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<210> 1452

<211> 1872

<212> DNA

<213> Enterobacter cloacae

<400> 1452

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ctgctgcgcg	ctgaccagtt	tgagatcccc	cctaatcgcg	tgattgagct	gggcacgcag	1860
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<210> 1453

<211> 831

<212> DNA

<213> Enterobacter cloacae

<400> 1453

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atgagcccg	acttttttac	cgtaataaac	ctgttcaaca	ttcttcagca	gacctctgtc	180
aacgccatta	tggcggtggg	gatgacgctg	gtgattttga	cctcggtgat	cgatctgtcc	240
gtcggttccc	tgctggccct	caccgcgcg	atcgccgctg	cgattgtcgg	tattgtgtgc	300
aacgcgctgg	tggccgttgc	cgctgcgctg	gcggcaggtg	cggaatttgg	cgccgtaacc	360
ggcgtaattg	tggcgaaagg	tcgcttcag	gcgttcacgc	ccacgctgg	gatgatgctg	420
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gataacgccg	atctgttttg	ctgggttcgg	atcggtcgcc	cgctgggtgt	cccgaccccg	540
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ggtcgttata	tctatgcgct	gggcggtaac	gaagcggcaa	cgcgcctgtc	cggtatcagc	660
gttaataaa	tcaaaattat	cgtttactcc	ctgtgcggcc	tgctggcgct	tctggcgggc	720
atcatcgaag	tggcgcgcc	ctcttcgcga	cagccaacgg	cggttacggg	ctatgagctg	780
gatgccatcg	cggcagtggt	tctgggcgg	acgagtcctt	gcgggcggta	a	831

<210> 1454

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 1454

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tctcgccagc	tggaaagagaa	gcttggcctt	attgaagttc	aggcgccgat	tctgagccgc	120
gtgggtgacg	ggacgcagga	taacttgtct	ggttgcgaaa	aagcggta	ggtaaaagt	180
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gagcgcgtaa	tgggtgacgg	cgagcgccac	gttggcacgc	tgaagtctac	cgttgagcg	420
atctacgccg	ggatcaaagc	gaccgaagcg	gccgtaagca	aagagtttgg	tctggcaccg	480
ttcttgccgg	aaacgatcca	ctttgttcac	agtcaggagt	tgctgagccg	tttcccggat	540
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ggcattggcg	gaaaattgtc	tgatggtaaa	cgtcacgacg	tccgtgcgcc	ggattacgat	660
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caggcgctgc	tgcgcggtga	aatgccgcag	accatcgggc	gtggtattgg	ccagtctcgt	900
ctgaccatgc	tgctgttgca	actgtcccat	atcggtcagg	tgcagtgtgg	ggtctggccg	960
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<210> 1455

<211> 450

<212> DNA

<213> Enterobacter cloacae

<400> 1455

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tcacgcgtga	tttcccgtct	tgggcatacc	gatacgctgg	tggtttgca	tgcaggctta	120
ccggttccgc	gcagcacaac	ccgtatcgat	atggcggtta	cgcaggcggt	gccctcggtc	180
atgcaggtac	tggaagtggg	caccgcggag	atgcaggttg	aggcgcccat	tctcgcggcg	240
gaaatcaaac	agcataatcc	gcaactccac	gaaacgttgc	tcagccacat	tgagcaactg	300
caacagcacc	agggaaacac	catagaaatt	cgttacacaa	cgcacgagca	gtgcaaacaa	360
cataccgcac	acagtcacgc	ggtgattcgc	agcgggggaa	tgtttccccc	gtatgcgaat	420
atcattctct	gtgctggcgt	caccttctga				450

<210> 1456

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 1456

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ttggctgggt	cggtatcggt	cgcccgtctg	gtgtcccgc	cccgggtctg	atcatggcta	120
tcgttttctt	ggcggcggtg	tacatgctgc	accatacccg	tctgggtcgt	tatatctatg	180
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ggcgcaactg	tcctcggttt	cctgaataat	ggtttgaatt	tgtaggtgt	ttcctcctat	480
taccagatga	tcgttaaggc	agtggtgatt	ttgctggcgg	tactggtaga	caacaaaaaa	540
cagtaa						546

<210> 1457

<211> 918

<212> DNA

<213> Enterobacter cloacae

<400> 1457

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gttgtctcta	ccctgaacaa	cccgttcttc	gtctccctga	aggatggcgc	gcagaaagaa	180
gcagataaac	tgggctacaa	cctggtgggt	ctggattctc	agaacaaccc	ggcgaaagag	240
ctggctaacg	ttcaggactt	aaccgttcgt	ggcaccacaa	tcctgctgat	caacccaacc	300
gattccgacg	cggtcggtaa	tgccgtgaag	atggcacaac	aggcgaagat	cccgttaatc	360
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acaaagggtc	tgaacgtcat	gcagaacctg	ctgaccgcgc	atcctgatgt	gcaggcggtg	660
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actgccgata	aagtgtgaa	gggcgaaaaa	gttcaggcca	aatatcctgt	tgacctgaaa	900
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<210> 1458

<211> 897

<212> DNA

<213> *Enterobacter cloacae*

<400> 1458

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gccgatcaca	ttcttaacct	tgaaacgttc	cccactccgg	gcgaaaccgt	caccggcaat	180
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accggcgtgg	cgctgatttt	cgtcaatgcg	gaaggtgaga	atgtcatcgg	tattcatgca	420
ggggctaatt	ccgcgttaac	gactgaacgc	gtcgaagcgc	agcgtggaat	tatcgccgga	480
gcggaagccc	tgtgatgca	gctggagtc	ccggttgaaa	gcgtgctggc	cgctgcgaaa	540
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<210> 1459

<211> 441

<212> DNA

<213> *Enterobacter cloacae*

<400> 1459

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atgcgcagca	gtcttgaacc	tcaggcctgt	ctgcttgccg	ccacgctcgg	cacagcagag	120
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tctatcacac	aggatgaggt	ggtgaagctg	aatctgcata	aggcgatagt	cgatgccatt	360
caggagagcg	acgggcagcg	agccctgagt	gcgtgccagg	cgttgctggc	cgcgccaacc	420
caccagcagg	taaataaatg	a				441

<210> 1460

<211> 1464

<212> DNA

<213> *Enterobacter cloacae*

<400> 1460

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cccggcatca	tgcgcatctt	cgatcatatc	tggcgctttg	ataccgggtt	gcgtagccgc	1440
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<210> 1461

<211> 1434

<212> DNA

<213> Enterobacter cloacae

<400> 1461

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cttaaccgct	ccccgctggc	gatgcaatcc	gccatcatca	gctacaccct	gacggtggcg	180
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<210> 1462

<211> 1587

<212> DNA

<213> Enterobacter cloacae

<400> 1462

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atttcccggc	tcagcagtg	gctggaaaaa	ggcctttacg	agcgtagcca	cgccattcgc	180
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<210> 1463

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 1463

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gcccctccagc	aggtacttat	caacaagatc	caaacaatcg	atgaaattca	gtccactgaa	420
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<210> 1464

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 1464

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accctggg	gtgcggaata	tgtagcggaa	catctggctg	agaagctgga	agacgcgggc	180
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ggcagccgtg	aatatgacac	tttctgtggc	gccatagaga	aagtagaagc	tgcggtgacc	420
gcctgcggag	caaaacagct	gggtgaaacg	ctgaagatca	atatcctcga	tcattgatatt	480
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<210> 1465

<211> 978

<212> DNA

<213> Enterobacter cloacae

<400> 1465

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aactttaaat	ctatcggtat	ggcgctgctt	gaaaccggta	tggcctgggt	ctggccagac	360
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cctgaagatg	agagtgaagc	cgcgaccttt	atcaataagg	tgattgagtt	tgagattatg	900
cgtagcgctg	agcagtatct	gtggatgcac	cgccgcttta	aaacccgtcc	cctgggcgaa	960
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<210> 1466

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 1466

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<210> 1467

<211> 1260

<212> DNA

<213> Enterobacter cloacae

<400> 1467

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gtggcgccg	tgctgcaaac	gattttatgg	accgcgcttc	cggtaaaaat	cgccatcagc	180
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<210> 1468

<211> 957

<212> DNA

<213> Enterobacter cloacae

<400> 1468

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gatgaagatc	gcctgccgtc	acgcgccatg	gctattcatg	agcatattcg	ccaggacggg	180

gaaaaagaga	tggagcgcgga	cgcgatggcc	ctgctgtggt	cagccattgc	agccggtctg	240
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<210> 1469

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 1469

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cgtgatgatt	tgcgagagcg	tattacgcat	tcgctgcaag	aatttatccc	gctgcgcttt	360
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<210> 1470

<211> 1725

<212> DNA

<213> Enterobacter cloacae

<400> 1470

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<210> 1471

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 1471

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<210> 1472

<211> 1254

<212> DNA

<213> Enterobacter cloacae

<400> 1472

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cgtgcggatg gcctgcttgc agcgaagagc gttgcggaac aacccgagtc gtaa 1254

<210> 1473

<211> 981
 <212> DNA
 <213> Enterobacter cloacae

<400> 1473
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 ctggattacc caagcctgga agcgggtggt cgcgtctatc tggagagca taaagtgagc 180
 gttgaagacg gttgtatcgc catcgccgtg ccgattaccg gcgactgggt ggcgatgacc 240
 aaccacacgt gggccttctc aattgccgaa atgcggaaaa acctcggtt ctgcacactt 300
 gaaattatca acgacttcac tgcggtttcc atggctatcc caatgcttaa accagagcat 360
 ctgattcagt tcggcgggtac ggccccgggt gaaggcaaac cgattgccgt ttacggcgcg 420
 ggaaccggtc tgggggtggc gcacctggtc cacgtcgaca aacgctgggt cagcctgccg 480
 ggcgagggcg gtcacgtgga ttttgcgccg aacagcgaag aagagggcat tattcttgag 540
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 gtgaacctgt atcggggcat tgtcaaatca gacggtcgtc tgccggaaaa tctgcaaccg 660
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<210> 1474
 <211> 1416
 <212> DNA
 <213> Enterobacter cloacae

<400> 1474
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 gatccgtcgg cagctgaatt cctgaccacc gaacagggtg agaggcagct tcaggaggcg 240
 cttcgtcgtc ggcttattga tgtgctctca tgccgtgtgg agcagggtga agagcagatg 300
 cgggcgcagc agcgcgctgc ggatgttcat gcccgattg gtatttcggt tgatttagtt 360
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 cccgattacg agcgattgat tcaggcggcg gatgaagcct tatacggcgt gaaacggcgt 1380
 ggccgaaact gcgtggagct ttggaagggg gcgtaa 1416

<210> 1475
 <211> 888
 <212> DNA
 <213> Enterobacter cloacae

<400> 1475
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aacagggaga	aattttatgaa	gcttcggctg	tcggcgcttg	cgctgggcgt	aacaatgctt	180
gtgggctgcg	ccagctctgg	cgagcaaacg	ggacgctccg	atcctctcga	aggatttaac	240
cgttcaatgt	acagctttaa	ctataatgtg	ctggatccgt	atctgggtcg	tccggttgcc	300
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aacctggaag	agccagcggg	tatggtcaac	tacttcctcc	agggcgaccc	gtatcagggg	420
atggtgcatt	tcacccgctt	cttcctgaac	tcctgctggg	gtatgggcgg	cttaattgat	480
gtcgcgggca	tggcgaaccc	gaaattacag	cgtgaacagc	cgcaccgttt	cggcagcacg	540
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ctggactctg	acggctctgt	gcgtcagctc	tccgatccgt	acatcatggt	ccgcgaggcc	780
tacttcaga	accatgactt	tattgccaac	ggcggtaagc	tgaagccgga	agataatccg	840
aacgcgaaag	ccatcgagaa	cgaattaaaa	gatatcgatt	cgggaataa		888

<210> 1476

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 1476

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cacgattttc	cgccatttaa	aaaactcagg	ccgcagtcgg	taacctcgcg	catacagccg	120
ggcagtgcag	tcacgtctct	cgcggaatg	gacgaacagt	ggggctacgt	cggggctaaa	180
tcgcgccagc	gctggctgtt	ttacgcgtat	gacaggctcc	ggaagacggg	tgttgccgac	240
gtattcgggt	aacgcactat	ggcgacgctg	gggcgtctta	tgagcctgct	gtcacccttt	300
gacgtggtga	tatggatgac	ggatggctgg	ccgctgtatg	aatcccgcc	gaagggaaaag	360
ctgcacgtaa	tcagcaagcg	atatacgag	cgaattgagc	ggcataacct	gaatctgagg	420
cagcacctgg	cacggctggg	acggaagtcg	ctgtcgttct	caaaatcggt	ggagctgcac	480
gacaaagtca	tcgggcatta	tctgaacata	aaacactata	aataa		525

<210> 1477

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 1477

tgctgccaac	ttactgattt	agtgtatgat	ggtgtttttg	aggtgctcca	gtggcttctg	60
tttctatcag	ctgtccctcc	tgttcagcta	ctgacggggg	ggtgcgtaac	ggtaaaagta	120
ctgcgcgaca	tcagcgctat	ctctgctctc	actgccgtaa	aacatggcag	ttacagttca	180
catacacagc	ctctcaaccc	ggtacgcacc	agaaaatcat	tgatatggcc	atga	234

<210> 1478

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 1478

cctggcagaa	acccttcatg	cataccgtct	tggagcggac	tggaacaacg	cgccaggctt	60
gcggctgaat	tcattgtatg	attgctgtcc	agacagggcg	tgatcgacac	ggctttcgca	120
tcgctgacca	caaaaaccga	tctgacgcag	gatcagcagg	ccctgataca	ggacattctt	180
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cgcgacgaat	atttttaacag	tcagggaccg	gatgcacttc	tcagttatct	gttcagtcgg	480
gagcagatcc	agcgctatct	gaacgtcagg	gcggaatttg	aagacaaagg	taaaaccgtg	540
gaaaaactgt	cagccgggca	acgggggacc	ttctatgtct	gccttaaaact	ggcggcagat	600
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atgcatagtc	tgggtccact	tttcagaaaa	ataaaacagt	accggcaggg	catcatcgtg	720
acgcataacg	ccaacctggt	ggttaactgt	gatgctgaac	aggtcatcat	cgcggccaat	780

aatgatgaag	tcatacagtta	ccgtagcggg	gcgctggaat	acggagatca	cggggcgcca	840
aacagtatgt	gcaaggctat	atgtgatgtg	cttgaagggg	gacgccaggc	gttcgaagcg	900
cgtgagcaaa	aatacgggat	ggtgtggcct	aacgccatct	ga		942

<210> 1479

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1479

ggtgctccag	tggcttctgt	ttctatcagc	tgtccctcct	gttcagctac	tgacgggggtg	60
gtgcgtaacg	gcaaaagcac	tgccggacat	cagcgctatc	tctgctctca	ctgccgtaaa	120
acatggcaac	tcagttcac	ttacaccgct	tctcaaccgg	gtacgcacca	gaaaatcatt	180
gatatggcca	tgaatggcgt	tggatgccgg	gcaaccgccc	gcattatggg	cgttggcctc	240
aacacgattt	tccgccattt	aaaaaactca	ggccgcagtc	ggtaa		285

<210> 1480

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 1480

tatggccatg	aatggcgctt	gatgccgggc	aaccgcccgc	attatgggcg	ttggcctcaa	60
cacgattttc	cgccatttaa	aaaactcagg	ccgcagtcgg	taacctcgcg	catacagccg	120
ggcagtgacg	tcatacgtctg	cgcggaatg	gacgaacagt	ggggatacgt	cggggctaaa	180
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gtattcgggtg	aacgcactat	ggcgacgctg	gggcgtctta	tgagactgct	gtcacccttt	300
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ctgcacgtaa	tcagcaagcg	atatacgcag	cgaattgagc	ggcataacct	gaatctgagg	420
cagcacctgg	cacggctggg	acggacgctg	ctgtcgttct	caaaatcggt	ggagctgcat	480
gacaaagtca	tcgggcatta	tctgaacata	aaacactatc	aataa		525

<210> 1481

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 1481

tgctgccaac	ttactgattt	agtgtatgat	ggtgtttttg	aggtgctcca	gtggcttctg	60
tttctatcag	ctgtccctcc	tgttcagcta	ctgacggggg	ggtgcgtaac	ggcaaaagca	120
ctgccggaca	tcagcgtat	ctctgctctc	actgccgtaa	aacatggcaa	ctgcagttca	180
cttacaccgc	ttctcaacct	ggtacgcacc	agaaaatcat	tgatatggcc	atga	234

<210> 1482

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1482

ggtgctccag	tggcttctgt	ttctatcagc	tgtccctcct	gttcagctac	tgacgggggtg	60
gtgcgtaacg	gtaaaagtac	tgccggacat	cagcgctatc	tctgctctca	ctgccgtaaa	120
acatggcagt	tacagttcac	atacacagcc	tctcaaccgg	gtacgcacca	gaaaatcatt	180
gatatggcca	tgaatggcgt	tggatgccgg	gcaaccgccc	gcattatggg	cgttggcctc	240
aacacgattt	tccgccattt	aaaaaactca	ggccgcagtc	ggtaa		285

<210> 1483

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 1483

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cagcgtggcg	ccgattatcc	gtttcagttt	gccatgatcg	cattcaatca	cgttggtccg	120
gtacttaatc	tgctgggtgt	caacgtcaga	cgggcaccgg	ccttcgcgtt	tgagcagagc	180
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ggagagataa	aaatcgacag	tgcggccccc	gctgtcgacg	gcccgggtaca	gatacgccca	360
gcggccattg	accttcacgt	aggtttcatc	catgtgccac	gggcaaagat	cggaagggtt	420
acgccagtac	cagcgcagcc	gtttttccat	ttcaggcgca	taacgctgaa	cccagcggtg	480
aatcgtggag	tgatcgacat	tcactccgcg	ttcagccagc	atctectgca	gctcacggta	540
actgatgccg	tatttgagct	accagcgtag	ggcccacaga	atgatgtcac	gctgaaaatg	600
ccggcctttg	aatgggttca	tgtgcagctc	catcagcaaa	aggggatgat	aagtttatca	660
ccaccgacta	tttgcaacag	tgccaatcgg	aatgataaaa	atgaaccacc	cgttgcgcat	720
ggtctttga						729

<210> 1484

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1484

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agccgtgcca	ggtgctgcct	cagattcagg	ttatgccgct	caattcgctg	cgtatatcgc	120
ttgctgatta	cgtgcagctt	tcccttcagg	cgggattcat	acagcggcca	gccatccgtc	180
atccatatca	ccacgtcaaa	gggtgacagc	agtctcataa	gacgccccag	cgtcgccata	240
gtgcgttcac	cgaatacgtg	cgcaacaacc	gtcttccgga	gcctgtcata	cgcgtaa	297

<210> 1485

<211> 681

<212> DNA

<213> Enterobacter cloacae

<400> 1485

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accagctcgc	tgaaagacaa	cgccctggcg	gtagactggg	ttaaaagcgg	caatgatgcc	120
tgtgtcgggt	ttagcacctg	gcaatatgat	gtgattttgc	ttgacctagg	gttgccctggc	180
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gaagaccgaa	tttatggctg	gggtgatgaa	gtcgaagata	atgccatcga	atttctgatc	600
catgcgttaa	gaaagaagct	cgggcgggac	gcgattaaaa	atgtcagggg	agtcggatgg	660
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<210> 1486

<211> 1413

<212> DNA

<213> Enterobacter cloacae

<400> 1486

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gggttatggt	taaagacacg	aaatgacact	tacaaggagc	tctatcactt	ctgggtcaaaa	180
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<210> 1487

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1487

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cagcgtgaca	tcattctgtg	ggccgtacgc	tggtactgca	aatacggcat	cagttaccgt	120
gagctgcagg	agatgctggc	tgaacgcgga	gtgaatgtcg	atcaactccac	gatttaccgc	180
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cgtaacagca	aagctgcata	ccggtttctg	ggtaaaatcc	tcaacaacgt	gaagaagtgg	420
cagatcccgc	gattcatcaa	cacggataaa	gcgcccgcct	atggctgcgc	gcttgctctg	480
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aaatccatga	agacggctta	cgccaccatc	aaaggtattg	aggtgatgcg	tgcactacgc	660
aaaggccagg	cctcagcatt	ttattatggt	gatccctctg	gcgaaatgcg	cctggtaagc	720
agagtttttg	aaatgtaa					738

<210> 1488

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1488

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agccgtgcc	ggtgctgct	cagattcagg	ttatgccgct	caattcgctg	cgtatatcgc	120
ttgctgatta	cgtgcagctt	tcccttcagg	cggtattcat	acagcggcca	gccatccgtc	180
atccatatca	ccacgtcaaa	gggtgacagc	aggctcataa	gacgccccag	cgctcgccata	240
gtgctgtcac	cgaatacgtg	cgcaacaacc	gtcttccgga	gcctgtcata	cgcgtaa	297

<210> 1489

<211> 1386

<212> DNA

<213> Enterobacter cloacae

<400> 1489

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<210> 1490

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 1490

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atccgtaagt	ggaaatcagg	agagaccagt	atggtgtaca	ccacctgggtg	ctgcctgtgc	300
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<210> 1491

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 1491

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<210> 1492

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1492

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<210> 1493

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 1493

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<210> 1494

<211> 2184

<212> DNA

<213> Enterobacter cloacae

<400> 1494

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gaagccgctg	atggcgtaac	taatcagggc	acgctttgcc	tgaaagggtt	ctacggctgg	180
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<210> 1495

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 1495

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<210> 1496

<211> 2571

<212> DNA

<213> Enterobacter cloacae

<400> 1496

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<210> 1497

<211> 681

<212> DNA

<213> Enterobacter cloacae

<400> 1497

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<210> 1498

<211> 1284

<212> DNA

<213> Enterobacter cloacae

<400> 1498

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1284

<210> 1499

<211> 852

<212> DNA

<213> Enterobacter cloacae

<400> 1499

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cctacgcctc	gtcaacagga	gcagctcgac	cactggcgtg	aacagggttt	cgccttttcg	840
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<210> 1500

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 1500

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atcctcggcg	tacgcttagg	cgtaaagcag	actggctgcg	cgggatttgg	ctacgtgctg	180
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<210> 1501

<211> 1317

<212> DNA

<213> Enterobacter cloacae

<400> 1501

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<210> 1502

<211> 1065

<212> DNA

<213> Enterobacter cloacae

<400> 1502

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acgttgagca	gctacggcaa	ccatgtttac	aacacgaacg	tcacggggat	agggatacgc	420
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<210> 1503

<211> 534

<212> DNA

<213> Enterobacter cloacae

<400> 1503

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gcagatttgc	cggacagaga	taaattgctg	cgcaactttg	ggcgttgcgc	gaactgggaa	180
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attgccgtcg	tattttattct	ttatcaccag	atgtcggcgc	aggatattgt	cgcctttgac	420
gttcgcccgt	ggtttgaaaa	aatggcctta	acccaacacc	tcaccccgtc	ccgatcccag	480
ggactggaag	cgatgatccg	cgccatacgc	gccaaagccg	caatccttag	ctaa	534

<210> 1504

<211> 846

<212> DNA

<213> Enterobacter cloacae

<400> 1504

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aaagagggtt	tcttcacgca	gctgcaaacc	gatgaactgg	cgaagggcat	caacgaagag	180
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<210> 1505

<211> 702

<212> DNA

<213> Enterobacter cloacae

<400> 1505

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aagcgtgcgc	tgtgcgaagg	cgaaaacagc	aaaatgtcct	ggacgcagtc	agaaaccggc	180
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cacatcggtg	aaaacaccaa	atcgaccatc	atctccaaag	ggatctctgc	cggtcacagc	360
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accagtggtg	actccatgct	gattggcgcg	gactgcgggg	cgcatacctt	cccatatgtc	480
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gttaacggct	tctgtaagga	cgtgttctct	gaactgccgc	tgggaatttg	cgttgaagcc	660
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<210> 1506

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 1506

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<210> 1507

<211> 1269

<212> DNA

<213> Enterobacter cloacae

<400> 1507

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tggggcaatg	cgcaggtgca	cgcgggggat	aacatcatca	tcacccagat	ggagcaccat	420
gccaacatcg	tgccctggca	gatgctctgc	gagcgtgtgg	gggcgcaact	gcgggtgatc	480


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ccccctgaatg aagacggcac gctccagctg gaaaagctgg acgctctgct ggacgacaga 540
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<210> 1508

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 1508

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attgggcaaa accagacata caccattcag gaaggggaca ataaacttca gtctatcgct 180
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<210> 1509

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 1509

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ctggtcggaa taaccctttc cggtagcgag cagttccact gtcgccgtga acgccaccgt 180
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gagatgaaga tcgtccaaca gagcacaatg gataacctgc tctctcagat aactaccac 480
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<210> 1510

<211> 990

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(91)

<220>

<221>unsure

<222>(124)

<400> 1510

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<210> 1511

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 1511

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aatcgctctc	agagtgtgaa	caccatagta	ggcatccgct	ggaacttccc	tgttacccaa	780
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<210> 1512

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 1512

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<210> 1513

<211> 843

<212> DNA

<213> Enterobacter cloacae

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<210> 1514
<211> 1221
<212> DNA
<213> Enterobacter cloacae

<400> 1514
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<210> 1515
<211> 555
<212> DNA
<213> Enterobacter cloacae

<400> 1515
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555

<210> 1516

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 1516

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cgtgtgatcg	tcaaacgtaa	agaagttgaa	accaagtctg	ctggcggcat	cgttctgacc	180
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gatggctacg	gcgtgaaatc	cgagaagatc	gacaatgaag	aagtgttgat	catgtccgag	360
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<210> 1517

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 1517

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caaagccatc	ttggtcgtcg	gttccagcgt	gcataccgta	tttctccggc	acactaccgc	180
cggttgtgca	caaaccttcc	agacgtttcc	agaaaataa			219

<210> 1518

<211> 1659

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1141)

<400> 1518

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aacgtagtgc	tggacaaatc	cttcggcgcg	ccaaccatca	ccaaagatgg	tgtttctgtt	180
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<210> 1519

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 1519

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atcgccgcaa	tgattgtcag	tatcgatcatg	ttgtcatggg	cgatgcgaag	cttgccagtc	180
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ctgctgctgg	gggagtctgc	gagcctggcg	cgcatcgcca	gcctcgcggt	aatcgctcgcg	300
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<210> 1520

<211> 1248

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (217)

<400> 1520

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atactcgggc	ggcacttccc	gagcgcaggc	ggcgatancg	atctttgtcgg	catggcggtt	240
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<210> 1521

<211> 1518

<212> DNA

<213> Enterobacter cloacae

<400> 1521

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accagggaag	ttccagcgga	tgctactat	ggtgttcaca	ctctgagagc	gattgaaaac	180
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aatgcgatta	tcgccgcgtg	cgatgaggtg	ctgaacaacg	gcaaatgcat	ggatcagttc	360
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<210> 1522

<211> 1722

<212> DNA

<213> Enterobacter cloacae

<400> 1522

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<210> 1523

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 1523

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<210> 1524

<211> 627

<212> DNA

<213> Enterobacter cloacae

<400> 1524

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<210> 1525

<211> 1674

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (465)

<400> 1525

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gaagtcgatc	atgttgccgt	attcttcagt	tgccgcgttg	taaccgtagt	taccttcacc	180
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<211> 336

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<213> Enterobacter cloacae

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<211> 681

<212> DNA

<213> Enterobacter cloacae

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<211> 966

<212> DNA

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<211> 639

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<213> Enterobacter cloacae

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<211> 711

<212> DNA

<213> Enterobacter cloacae

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<211> 1191

<212> DNA

<213> Enterobacter cloacae

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<211> 474

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<213> Enterobacter cloacae

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<213> Enterobacter cloacae

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<212> DNA

<213> Enterobacter cloacae

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<210> 1535

<211> 525

<212> DNA

<213> *Enterobacter cloacae*

<400> 1535

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<210> 1536

<211> 768

<212> DNA

<213> *Enterobacter cloacae*

<400> 1536

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<210> 1537

<211> 1470

<212> DNA

<213> *Enterobacter cloacae*

<400> 1537

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<210> 1538

<211> 1719

<212> DNA

<213> Enterobacter cloacae

<400> 1538

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<210> 1539

<211> 1347

<212> DNA

<213> Enterobacter cloacae

<400> 1539

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<210> 1540

<211> 999

<212> DNA

<213> Enterobacter cloacae

<400> 1540

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<210> 1541

<211> 1296

<212> DNA

<213> Enterobacter cloacae

<400> 1541

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1296

<210> 1542

<211> 897

<212> DNA

<213> Enterobacter cloacae

<400> 1542

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<210> 1543

<211> 1230

<212> DNA

<213> Enterobacter cloacae

<400> 1543

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<210> 1544

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 1544

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<210> 1545

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 1545

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<210> 1546

<211> 1410

<212> DNA

<213> Enterobacter cloacae

<400> 1546

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1410

<210> 1547

<211> 1602

<212> DNA

<213> Enterobacter cloacae

<400> 1547

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<210> 1548

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 1548

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gataactacg	ccagcgatga	cgcctttggc	agcaccggct	ttaacgcggg	cggggaatgg	840
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<210> 1549

<211> 1437

<212> DNA

<213> Enterobacter cloacae

<400> 1549

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<210> 1550

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 1550

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<210> 1551

<211> 837

<212> DNA

<213> Enterobacter cloacae

<400> 1551

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ctgggtcaggg	cagaggagtc	gcttccggat	gtgggtgaagc	acttcagtga	acagcaggac	180
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ccgatgggcc	gcgagatgtg	gaaaaagctc	aatgcggcgc	atccccctgaa	ggaggggcg	420
gagagtcccc	cgcgcaaaagt	cttcgtcttt	gccgaccgt	tctgcccgta	ctgcaagcag	480
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<210> 1552

<211> 591

<212> DNA

<213> Enterobacter cloacae

<400> 1552

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gcagaggaaa	caggcgacag	tgtgcaggcg	ttattatccc	gtaaacacaa	agccgtgcga	540
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<210> 1553

<211> 894

<212> DNA

<213> Enterobacter cloacae

<400> 1553

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<210> 1554

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 1554

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gaaggtcaat	accttgaaac	cagccatccg	gtcgtatcctg	acgcggagct	ggcgggtgtg	180

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<210> 1555

<211> 1107

<212> DNA

<213> Enterobacter cloacae

<400> 1555

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<210> 1556

<211> 369

<212> DNA

<213> Enterobacter cloacae

<400> 1556

cgccattttgc	aggaaggcgc	cgtgatcatt	aacaccactt	ccgttcaggc	gtttaaaccg	60
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ctggcccagc	agctgggacc	gcgtggaatt	cgggtgaatg	ccgtcgcgcc	aggtccatac	180
tggacgcctc	ttcagtcacg	cggcggccag	ccgcagtcga	aagttcagaa	gttcggggaa	240
gatacgcccc	tgggcagacc	gggcccagcc	gttgaaatcg	caccgctgta	tgtattgttt	300

gcctccgata cctgctcata cgctccggg caagtgtggt gctctgacgg cggtaccggc 360
gtgctgttaa 369

<210> 1557

<211> 936

<212> DNA

<213> Enterobacter cloacae

<400> 1557

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ctgtttgtcc	cttccccaca	cggacgtggg	gtgttaccga	cgcgcgcgc	cgaggcgta	240
aggccgcagg	tgcgcagcgt	tttgcaggg	atatcggcga	tgcttgaacc	caccacgttt	300
aacgcgcaga	acagcaaccg	cacctttgtg	attgccctgc	acgagaacc	ggcgtgatg	360
ctgggggcag	agttgcagaa	tcagattagc	agtgcggcgc	caggtatccg	cctgcgtttt	420
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gtcatcggt	tgtactggca	cccgaataac	agccaggatc	cggctaaccg	ctggctgcga	900
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<210> 1558

<211> 1434

<212> DNA

<213> Enterobacter cloacae

<400> 1558

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ggacacccag	gagctaacac	gcaaatgatg	cgacacgtaa	aacggactgg	cgcgctgctt	180
ggctgcgcgc	ttttactggt	aagttgcact	tccaaaccac	ctaaatcaact	cgtaaccccg	240
ctgccgcagg	cgaaacctgt	acagcagact	aacgaaccca	tgcgcgggat	ctggctggcg	300
accgtctccc	gtctcgactg	gcctcccgtg	tcacgggtga	atggccgtag	cgcggaccag	360
cgcacgcgcc	agcaacagcg	ggcgttgacg	gacaagctcg	ataagctgaa	aaatcttggg	420
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ctcaatgatt	cactgccaga	cgtaaagggtc	accatcctgt	tccgtgaaga	ctatcttaac	1380
cagccgcaga	cgcaggaagc	agtaaattac	ctccggggac	gctggggtag	ttga	1434

<210> 1559

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 1559
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 cggccgtctg ggtcagggcc gaagcctgtt gtcgggtacg ggaggccagg tcgatattgc 180
 cggaggcaat ttcctgcgct gcatgcgtca cggtttggct ggcatcgcgc acctgagaaa 240
 tggtagagag cagcgcttgg cgcattctgt ccatcgagga catcaggtga tcgatttcat 300
 tcccgaatc acgcttga 318

<210> 1560
 <211> 609
 <212> DNA
 <213> Enterobacter cloacae

<400> 1560
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 ggcaccagcc cgacgccaca gcaggatctg gtacgcgtga tgaatgcccc ggagctgtat 180
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 tacggctacg gtggctgggg gtggtacaat ccaggccctg cacagggtca aacaatagta 600
 actgagtaa 609

<210> 1561
 <211> 1572
 <212> DNA
 <213> Enterobacter cloacae

<400> 1561
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 gcggtcttct cactggatgc ggtgattacg gcggtcggca tgggtgaacca tctgccggtg 480
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 gaagccaacg actatcgcgt tgatatggtg cgtattgtta aagagcactc tgcgcacgac 1560
 gaagaagagt aa 1572

<210> 1562
 <211> 1206
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1562
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 cgaacgtact atccgcagct gggcttgatt cagatgtatg acggcaaaaca cgtgtcattg 240
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 cgctaa 1206

<210> 1563
 <211> 195
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1563
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 gttgaacgta ttcaggagct gatgtccag gggatgagca ggcgacaggc aatttcccag 120
 gtcgcggaag aacttcgcgc caccataacc ggcgagcgga tcgtggcgcg ctttgaggat 180
 gaagatgaag aataa 195

<210> 1564
 <211> 1920
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1564
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 gcgcagccgc tggctcgtgga ggcgggtacc ggtacgggga aaacgtatgc ttacctcgct 180
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gacaaccgcc	tggtgatgcg	tccctacggc	gcgaccttcc	tcgccagcct	gccgcccgcg	1860
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<210> 1565

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 1565

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<210> 1566

<211> 1755

<212> DNA

<213> Enterobacter cloacae

<400> 1566

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<210> 1567

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 1567

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ccgcagctgc	gcaaagacat	tctggaagtg	atctgcaaat	acgtgcagat	tgaccagaa	180
atggtcaccg	ttcagctgga	gcaaaaagac	ggggatattt	cgattctgga	gctaaacgtg	240
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<210> 1568

<211> 966

<212> DNA

<213> Enterobacter cloacae

<400> 1568

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gtggatgcga	aagatatcga	ggccttcaac	aagctgaatg	cacgcggtat	cgagctggaa	900
gcccgtaaag	tttccacgga	tcagaaactg	aaaatgatgg	atttgatcgg	caaagtgggg	960
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<210> 1569

<211> 615

<212> DNA

<213> Enterobacter cloacae

<400> 1569

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caacgtcagg	cggcggtgct	gatcccggtc	gtgcgcgctg	agcagccggg	tctgttgctt	180
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gtggacagca	ccgatgcac	cctgattgcc	gccgcactgc	gtgaagcgca	tgaggaaagt	300
gcgatccccc	cggagacagt	cgaggtgatc	ggcgtgctgc	cgccagtgga	cagcgtaacc	360

ggttttcagg	tcacgccggt	cgttggcatt	attccgccc	atcttcagta	tcacgccagc	420
gtcgatgaag	tttcagcgg	gttcgaaatg	ccgctggaag	aggcccttcg	tctgggccgc	480
tatcaccac	tgatattca	ccgccgcgga	cacgatcatc	gggtctggct	gtcgtgggat	540
cagcattatt	ttgtctggg	catgacggca	ggcatcattc	gtgagctggc	cctgcaaata	600
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<210> 1570

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 1570

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tcttgccgc	tgacgacgaa	agataacgag	gatacgttta	tgacaattac	gcgcattgat	180
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cacgcgcctg	tacgtctgcac	cgtagcggcc	acgtctgatga	aaccggaata	taagggttgag	480
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<210> 1571

<211> 1380

<212> DNA

<213> Enterobacter cloacae

<400> 1571

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agccaccttc	cttttgccat	gctcttgccac	tccggccatg	cggatcacc	ctacagccgc	180
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gacgatccgc	tgatggcgct	tcagaacgag	atcgatgctc	tggtgttaac	tgccacaccg	300
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cgtttcgaaa	agctgcccga	gcatgcgcag	gcggatattt	ccctgcogga	tatggcggtg	420
gggctgtatg	actgggcgct	gatcgtggat	caccgtaagc	agacggtttc	tctgctgagc	480
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cgtttccagg	cggcgtaaa	gggagacgaa	tggcaggcgt	ttaccgcct	caatgccagc	720
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<210> 1572

<211> 1407

<212> DNA

<213> Enterobacter cloacae

<400> 1572

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aaacagttcg	tcgatgatct	ggtcgaaaaa	ggattactgg	aaagcgttac	ccgtgtcgcc	180

gtagacgttt	acggttcact	gtcattaacg	ggtaaaggcc	accacaccga	tatcgccatt	240
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accatgtacg	aaaccggcaa	ggacatgaac	gcgaagtacc	gtgagacctc	gcgcggcggg	1380
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<210> 1573

<211> 1728

<212> DNA

<213> Enterobacter cloacae

<400> 1573

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cgaccgttca	tgcaaaactg	acaaacgata	attaaagact	atcgccgaaa	acgcgttatc	180
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tatgcgcggc	caatgccgct	gcgcgagttt	ccgaaatggc	tggcggaaaag	ccactctccg	1680
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<210> 1574

<211> 573

<212> DNA

<213> *Enterobacter cloacae*

<400> 1574

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ccgcatttgc	acaaaaccga	ttattacacg	ggcctcaccg	aatctgacct	tgcagctctt	540
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<210> 1575

<211> 792

<212> DNA

<213> *Enterobacter cloacae*

<400> 1575

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<210> 1576

<211> 495

<212> DNA

<213> *Enterobacter cloacae*

<400> 1576

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<210> 1577

<211> 297

<212> DNA

<213> *Enterobacter cloacae*

<400> 1577

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ttgctgatta	cgtgcagctt	tccttcagg	cgggattcat	acagcggcca	gccatccgtc	180
atccatatca	ccacgtcaaa	gggtgacagc	aggctcataa	gacgccccag	cgtcgcctac	240

gtgcggttcac cgaatacgtg cgcaacaacc gtcttcgga gctgtcata cgcgtaa 297

<210> 1578

<211> 1272

<212> DNA

<213> Enterobacter cloacae

<400> 1578

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gaagattacg	gccggttgat	cagaagtaca	cttcttcata	atctgtccct	tacctgtggg	420
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<210> 1579

<211> 570

<212> DNA

<213> Enterobacter cloacae

<400> 1579

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<210> 1580

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 1580

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gcactgtcga	aagcacaatc	catcattacg	aaggatctac	cgtataattc	aagcaccaaa	180
gttctatggc	catcgccgaa	cggtgttatc	taccggtag	gaaagtaa		228

<210> 1581

<211> 516

<212> DNA

<213> Enterobacter cloacae

<400> 1581

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<210> 1582

<211> 1500

<212> DNA

<213> Enterobacter cloacae

<400> 1582

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<210> 1583

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1583

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gatatggcca	tgaatggcgt	tgatgcccgg	gcaaccgccc	gcattatggg	cgttggcctc	240
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<210> 1584

<211> 1959

<212> DNA

<213> Enterobacter cloacae

<400> 1584

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<210> 1585

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 1585

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aatactgtcc	gcagccacct	gaaagccaaa	tctgaaaagc	cgcagtatcc	accacgccc	180
gcaccatcat	cactgctcga	tgaataccgt	gattacatct	ctaagcggat	cagcgatgcg	240
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<210> 1586

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 1586

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<210> 1587

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 1587

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<210> 1588

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 1588

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<210> 1589

<211> 3963

<212> DNA

<213> Enterobacter cloacae

<400> 1589

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<210> 1590

<211> 525

<212> DNA

<213> Enterobacter cloacae

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 cagcacctgg cacggctggg acggaagtcg ctgtcgttct caaaatcggg ggagctgcat 480
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<210> 1591

<211> 453

<212> DNA

<213> Enterobacter cloacae

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<210> 1592

<211> 213

<212> DNA

<213> Enterobacter cloacae

<400> 1592
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<210> 1593

<211> 1506

<212> DNA

<213> Enterobacter cloacae

<400> 1593
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<210> 1594

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 1594

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<210> 1595

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 1595

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<210> 1596

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 1596

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<210> 1597

<211> 3141

<212> DNA

<213> Enterobacter cloacae

<400> 1597

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<210> 1598

<211> 1164

<212> DNA

<213> Enterobacter cloacae

<400> 1598

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<210> 1599

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 1599

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<210> 1600

<211> 576

<212> DNA

<213> Enterobacter cloacae

<400> 1600

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<210> 1601

<211> 1155

<212> DNA

<213> *Enterobacter cloacae*

<400> 1601

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<210> 1602

<211> 1386

<212> DNA

<213> *Enterobacter cloacae*

<400> 1602

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<210> 1603

<211> 1284

<212> DNA

<213> *Enterobacter cloacae*

<400> 1603

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<210> 1604

<211> 1062

<212> DNA

<213> *Enterobacter cloacae*

<400> 1604

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<211> 666

<212> DNA

<213> *Enterobacter cloacae*

<220>

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<210> 1606

<211> 1209

<212> DNA

<213> Enterobacter cloacae

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<211> 816

<212> DNA

<213> Enterobacter cloacae

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816

<210> 1608

<211> 1326

<212> DNA

<213> Enterobacter cloacae

<400> 1608

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<211> 4464

<212> DNA

<213> Enterobacter cloacae

<400> 1609

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<210> 1610

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 1610

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aatattcgca	aagcggcggt	atctatgcgc	gcagggtggtg	taggatacta	cccacgtagc	540
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<210> 1611.

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 1611

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<210> 1612

<211> 225

<212> DNA

<213> Enterobacter cloacae

<400> 1612

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tggccgagca	gtataagcat	gtcgaaatgg	cgcgcgaaat	gggcgagcac	aatggtgctg	180
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<210> 1613

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 1613

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acgtcgtggg	cctgcgtggt	ttcgccccgc	agccaccgga	gtcattaccg	ggcacggctg	300
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<210> 1614

<211> 1908

<212> DNA

<213> Enterobacter cloacae

<400> 1614

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gtaggggcag	acggacgtac	ccagtatcgt	acagatat	acaattatga	tctgacagcg	1860
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<210> 1615

<211> 693

<212> DNA

<213> Enterobacter cloacae

<400> 1615

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<210> 1616

<211> 1218

<212> DNA

<213> Enterobacter cloacae

<400> 1616

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<210> 1617

<211> 1392

<212> DNA

<213> Enterobacter cloacae

<400> 1617

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<210> 1618

<211> 1586

<212> DNA

<213> Enterobacter cloacae

<400> 1618

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<210> 1619

<211> 1275

<212> DNA

<213> Enterobacter cloacae

<400> 1619

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<210> 1620

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1620

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ctgttccacg	gcgtaatcag	cccggccacg	ccgagcgggc	tcattctgcac	cgttgcgggc	480
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<210> 1621

<211> 906

<212> DNA

<213> Enterobacter cloacae

<400> 1621

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<210> 1622

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 1622

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aacgcctgga	accgcctggg	cattacctcc	cgcatggagc	cgggctcgct	ggatgcggcg	1020
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<210> 1623

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 1623

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gacaccgggt	taacccagtc	gagctggacg	gtgatgatgc	agcttcatca	actcggggat	180
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<210> 1624

<211> 744

<212> DNA

<213> Enterobacter cloacae

<400> 1624

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cggtttcatc	ttggcggtga	ggcgggcgct	gcgctgctta	tccacatgga	aagcaaaggc	660
tggatccagc	gggtggcggg	ttatcgggag	gtggtggtga	cggcttcggg	gaaaagtgcc	720
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<210> 1625

<211> 189

<212> DNA

<213> Enterobacter cloacae

<400> 1625

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cgccgtattc	tgagccagat	gagcgacgag	cagctcaagg	acgtcggggt	atcgcgatat	180
gatgtgtga						189

<210> 1626

<211> 1449

<212> DNA

<213> Enterobacter cloacae

<400> 1626

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ctgggctaa						1449

<210> 1627

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 1627

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gcgcgctacc	tccaacttgc	cgcagagctt	aagcctttgc	tggccgacat	cgacggcttt	180
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tggcgggatg	aagaggccgt	ccgcgcgtgg	aagcagaacg	tctttcatca	ggcggcgag	300
gccgaaggac	ggcggttgat	tttctctttc	taccgtattc	gcgtggcgca	gctggtgcgg	360
gaatacagtt	ccgaaaccgg	agggcacgcg	gatgtatga			399

<210> 1628

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 1628

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gactccaccg	tgatgcgcgt	ggtgacccc	gtgtctgccc	gcgtctccgg	gtatgtggcg	180
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<210> 1629

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 1629

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tccaaaattg	ataccgaggg	cgcgttgctc	ggcaatatca	ttttgcagg	actcgaaagc	180
cacggcgtga	aaacggtcaa	taaagtacag	cttggcacca	cgctgtcgt	gcgcggtgcc	240
atcacttccg	gcgagctgga	tatctacccg	gaatacaccg	gcaacggggc	attcttcttc	300

aaggatgaaa	acgatccggc	ctggaaaaat	gccaaagccg	ggtacgaaaa	agtcaaaaag	360
ctggacgcag	aaaaaaataa	gctggtctgg	ctaacgccgg	caccggccaa	caacacctgg	420
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<210> 1630

<211> 1170

<212> DNA

<213> Enterobacter cloacae

<400> 1630

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gaaccgcgcg	cgctctggca	gatctgggca	tttacgccgc	tgctgctggg	cgcggcgctg	180
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<210> 1631

<211> 1104

<212> DNA

<213> Enterobacter cloacae

<400> 1631

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<210> 1632

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 1632

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<210> 1633

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1633

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<210> 1634

<211> 2391

<212> DNA

<213> Enterobacter cloacae

<400> 1634

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<210> 1635

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 1635

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<210> 1636

<211> 1704

<212> DNA

<213> Enterobacter cloacae

<400> 1636

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<210> 1637

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 1637

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<210> 1638

<211> 1182

<212> DNA

<213> Enterobacter cloacae

<400> 1638

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<210> 1639

<211> 825

<212> DNA

<213> *Enterobacter cloacae*

<400> 1639

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<210> 1640

<211> 1923

<212> DNA

<213> *Enterobacter cloacae*

<400> 1640

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<210> 1641

<211> 636
 <212> DNA
 <213> Enterobacter cloacae

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 ccgctcaacg acggggactg gacgctgccg gaataa 636

<210> 1642
 <211> 900
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1643
 <211> 417
 <212> DNA
 <213> Enterobacter cloacae

<400> 1643
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<210> 1644
 <211> 1254
 <212> DNA
 <213> Enterobacter cloacae

<400> 1644
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<210> 1645

<211> 1044

<212> DNA

<213> Enterobacter cloacae

<400> 1645

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<210> 1646

<211> 1842

<212> DNA

<213> Enterobacter cloacae

<400> 1646

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<210> 1647

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 1647

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<210> 1648

<211> 3483

<212> DNA

<213> Enterobacter cloacae

<400> 1648

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<210> 1649

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 1649

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<210> 1650

<211> 903

<212> DNA

<213> Enterobacter cloacae

<400> 1650

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<210> 1651

<211> 981

<212> DNA

<213> Enterobacter cloacae

<400> 1651

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<210> 1652

<211> 1563

<212> DNA

<213> Enterobacter cloacae

<400> 1652

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<210> 1653

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 1653

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caattagata	attcaaagca	ggattctggt	tctgtaaaag	aaaccttcct	tgtacaaaag	420
gaacatgcct	gctttgggtg	gaagattgaa	aatgagggaa	gcgataacct	tataccatct	480
gaaagccac	tttcttcagg	tgcattccaa	atttcaaaa	aaaagtccat	ttcctctgtg	540
gtgccagtgc	tagaaaaagt	atcggatgaa	aatcaaaccg	cctccataag	cataaaatct	600
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<210> 1654

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 1654

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gatgaacctc	acgaatgtgc	cgctgtactg	caacaaatag	ccgccatacg	tgggtgccgtg	180
aatggtttat	tgcgtgaagt	gattaaagga	catttgactg	aacatattgt	tcattgaaagt	240
gaagaacaga	aacgagaaga	agacctggac	gttgtgctga	aggttctgga	ttcttacatc	300
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<210> 1655

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 1655

gaatggaaac	gttcatatct	gtatcgacag	tatctcgctt	ctgaatgctc	tgaacgatct	60
tatcagcata	tattttgcaa	accagcttcc	ggccgcagga	aaaaaatgat	gatcgaaaac	120
gataaagaaa	aaagcctgaa	cgatgctacc	tcgccagagg	tgcagaatga	catccgcagc	180

gaatccacag	aaaaatcaaa	ggaaatgggt	cgttcaaggt	actcatctat	tgcgatgatc	240
gattacttca	atgcaatcga	acgtctgtgc	gaagagaaaa	aaattaaccc	ggaaaatatc	300
gatctgagct	tcaaagttca	ctggctcaga	aacgctgttg	gcggctcggt	tgcaagggtca	360
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cactaccgta	gaagctatac	cgcaatacag	agtgatagt	ttaaaaaagc	tgaagcacgt	540
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gagaaaacaa	tctcagaatc	cctgaaaggc	accattgata	cattgactgg	tgcaatggca	1260
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<210> 1656

<211> 765

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (59)

<400> 1656

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gctttagggg	aaacgaatat	tgaaaatatt	cagagaaaaa	aagataatct	gatgaaacca	180
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cctgaatctt	taccagctgt	gacccgggca	gatgaaattg	aggatattgc	ttcatttgaa	300
tcaagtttgg	taattgatct	tggtggtact	actcttgatg	ttgcaagtat	tactgggcaa	360
ttagaacaga	tttcgaaagt	aaaagggttt	gaccgtattg	gttgttctat	tgttttacgat	420
gagatcagca	ggtatcttga	atctgagaaa	ctgaatacga	gtaatgctta	cattcatcat	480
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acacaagtcg	aagagaggcc	tcataatggt	ttccttggtg	ggggagggtc	atatctcatc	660
gaaacagcta	ttcgtaaaca	ttttgaaacg	gctaaagtta	tcatggtaga	caatccgcag	720
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<210> 1657

<211> 1416

<212> DNA

<213> Enterobacter cloacae

<400> 1657

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gccgcgggtg	tgcttacggg	atgggtggtta	tcaagtttta	tcctgattag	cacctttaat	120
ggctattttcg	ataatcagga	ccgcgatttt	ctgacaggta	aacttcagct	caccgaagag	180
tttcttaaaa	cagagacggt	ccggaacaaa	acggatatta	agtcattatc	agaaaaaata	240
aacgatgcga	tggtagggca	caatggttta	ttcattttcta	taaaaaacat	ggaaaatgaa	300
aaaattgttg	aactctatgc	caaaaaattct	gttggtccag	cggtcctgct	taataagtcg	360
ggtgatattc	tcgactatat	gatccagacg	gaagaaaata	acaccgtgta	ccgcagtatc	420
tcgcgcggcg	ttgcccgtgac	gccggaacag	ggtaaaagca	aacatgtcat	cattacgggt	480
gccacgggata	ctgggtatca	caccctgttt	atggataagc	tcagtacctg	gctgttctgg	540
ttcaatatcg	gtctggtctt	tattttctgtt	tttctgggct	ggctgaccac	acgtattggg	600
ctgaaaccgc	tacgggaaat	gaccagtctg	gcttcctcca	tgaccgtaca	cagcctggat	660

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attacaaggt	cgatcattca	tgctcatggc	ggcgagctgt	cagcagaaca	gcaggggcgg	1380
gaaattgtgt	tcagtgtgctg	cctgttaatg	gattaa			1416

<210> 1658

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 1658

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gcgtcggaac	tgtgcggtct	ctctctcttc	accagcagaa	ttatgcagcc	caacgcattt	180
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acgtggaaaa	ggctctttga	agaaataggt	atggaccggt	actggaacca	taagcaaaaa	300
gaagccttta	acgaatccct	acgtacggat	ccgcccgtcg	cttccctgga	gattgttaag	360
ggaacattac	agcatgcact	ggctaacaga	cgagacacgc	ttgcagaagg	tttcggtgat	420
gttctcaaca	agcttgaccg	aagttttaaa	agcaatgcac	ggcaatatac	aatgccgaaa	480
aagcttggtc	ttcgggggat	ttttcctggt	gtgaacgtac	tgaggtaaca	cggtttctcg	540
caggacaatc	acttttggtt	acgcgacttt	gagaatattg	tatgcactctg	ttctgatact	600
ccaacacctg	caaccggcgg	tgggctgagt	atggctcgaca	ggctgacggc	catgagaaat	660
acagatttca	caggcgaggt	ctgcgatgag	aatggctggc	gggtgcgcct	gtttgagaat	720
ggaaacgttc	atatttgtat	cgacagtatc	tcgcttctga	atgctctgaa	cgatcttatac	780
agcatatatt	ttgcaaacca	gcttccggcc	gcaggaaaaa	aatga		825

<210> 1659

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 1659

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ctcatcgagc	gttttcatga	tgatgttaaa	ggtattaccc	ttatcgtagc	tcttcagatt	180
ttttacgttt	tccagaacaa	aaattgcagg	ttgttttgcc	cggatgatcc	tggccacatc	240
aaagaagagc	gtaccctgag	tgtcgcactc	gaaaccgtgt	ttgcgaccca	tagagttctt	300
tttactgaca	ccggcgatgc	tgaatggctg	gcatggaaat	cccgaagaa	gaacatcatg	360
atccgggata	gaggcatcga	taaatttgta	tgctcgtca	tcagtaacct	cgggcccgtt	420
gctaagagtg	atgtcacgga	tgtctga				447

<210> 1660

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 1660

gtccgtaacg	ttgttcagcg	acaggctctgc	acagatgatt	tcattgtgtgt	tgtgtgcaac	60
tgccagatgc	aacttacgcc	atatacggcg	gcgttcctgg	ccatgctttt	tgactttcca	120
ctcgccttca	ccgaagacct	tcagcccgggt	ggaatcaatt	accagggtgtg	cgatttcacc	180
ccgggtgggc	gttttgaaac	tgacattaac	cgactttgcc	cgcttctgta	cacagctgta	240
atccgggcag	cgtag					255

<210> 1661
 <211> 468
 <212> DNA
 <213> Enterobacter cloacae

<400> 1661
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 gccattatgg ctgtcgcttc atccgccatg gctgcagaga caatgaacat gcatgaccag 120
 gtaaataatg cccaggcacc cgcccatcag atgcagtcaa cctctgaaaa aagcgctgtt 180
 caggagagaca gtatgacaat gatggatatg agcggacacg atcaggctgc aatgtcccat 240
 gaaatgatgc aaaacggcaa cgcttctgcc caccaggaca tggcggagat gcataaaaaa 300
 atgatgaaag gcaaaccagg ggccaccaac gaatcagcaa cgtcattttc agaaatgaac 360
 gagcatgaaa aagccgctgt tgtgcacgag aaggcgaata atggtcagtc ttccgttatt 420
 catcagcagc aggctgaaaa gcacgcgacg cagatcaccg agaattaa 468

<210> 1662
 <211> 585
 <212> DNA
 <213> Enterobacter cloacae

<400> 1662
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 ggtgaaatga tgtttttttt tacaaaagtta cttttgccca tcatgattgt tgtattccca 120
 gtggcgctcct gggggaactc aacaactttt gaggcaaagg tggtaagat tgttgacggt 180
 gacaccataa ctgcgttggg tgcacaaaac acaaccatca aaatacggat gtatggtata 240
 gacgctcctg aatctaaaca ggcttttggc caaaaagcaa aacaggcctt aaccacagct 300
 atagcaacta aaatcgttac cgtgatagac catggtagcg atatctatgg ccgtatgtta 360
 ggtaccatct ggtagatgg atatgatatc aatgcctcta tggtaggacag tggatatgcg 420
 tgggtttatc gggtcgaaga taacgccatt gtccctggct atatcaaata tgaatccgca 480
 gcacaaaagg aggcaaaagg gttatgggca gacaccaacc ctgtcccacc atggcagtggt 540
 agacaggcaa acgaaaagcc cagaaaagggtg aaagggaaga aataa 585

<210> 1663
 <211> 1536
 <212> DNA
 <213> Enterobacter cloacae

<400> 1663
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 agttactaca tgactcaacg taaaaaaggg gcaaccacgc atatctcggc catgaaggcc 120
 ggtatctctg tccgatctgg tcgccggatc gagaaagatc agtggtcgaa agccggtgaa 180
 cgccactggc gaacgcgtaa agatccactt gaagctgtgt gggacagcga gcttgtccct 240
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 tatcctggtc agtaccceaa caacctccgc aggacaatgc agcggcggggt ccgtgaatgg 360
 aagttgcaat atggtgcgga gcaggagggtc atgttccgcc agcgtcatca acccggttg 420
 cgtggctctg ctgactttac tgagctgaaa ggcgtagtgt tcaccatcgc cggtaagttg 480
 ttggcgcata agctgtatca cttccgcctt gactggagcc actggagctg gatgcgggtt 540
 gtgctgggtg gggagagctt ctctgccctg gctgaagggt tgcaggaggc gctcggtcag 600
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 ggtgaagacg gtcaacggga actgacagag cgttatgccg agctctgccg gcactacggt 720
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ggaataaagg	aaaaagagct	accgcccgtc	agtgtcgttc	agcataacct	gagcagttat	1500
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<210> 1664

<211> 1101

<212> DNA

<213> Enterobacter cloacae

<400> 1664

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cagatccatg	gggttgacga	gcacggaaaa	cggttggtca	acaaacaact	cagacgggca	180
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tctgtcatt	tctgggccaa	taaactgata	tcgatgggcc	ataatgtcaa	actgatggcc	300
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ttggctaaca	agaatgcgcg	gactgtgtgg	gcgctcctgg	ccaaagagcg	ggagtattgt	1080
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<210> 1665

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 1665

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gatggtcagg	ttgcggaggc	tatggccctg	gtacgagcgc	tgaacaaaat	gacgaaagca	960
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<210> 1666

<211> 1482

<212> DNA

<213> Enterobacter cloacae

<400> 1666

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cacaaaactt	tggttaacagc	ttcgcactatt	tatgacctga	aatatctggc	tcagggtatta	180
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cgacctgctg	attatgagga	caggcacttt	agctttatcg	atctgtttgc	agggataggt	360
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aaacatgcgg	caaaaaggcaa	tggttttggg	tttggactag	tagatccttc	caatgttaat	1140
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<210> 1667

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 1667

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ctggcagagg	gggtggacccc	gtcacgctat	ctgctgacgc	tgtgtaatga	agaactgctg	180
tgccgtgaaa	gcgaaaagct	gcgccgctat	aaaaaggaa	cccggttgcc	ggtcgcgaaa	240
accctgggtg	aatatgactt	cgcccagggt	ccggagctga	atgcagctca	gttccggcag	300
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atgttcgaac	tgaaggggaga	aagctacagg	aaaaagacgg	caaaggcagt	aaccagcgcg	780
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<210> 1668

<211> 1131

<212> DNA

<213> Enterobacter cloacae

<400> 1668

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acaatgatgg	cagcattcat	catttgctata	aaaggcaccg	tacgtcaggc	cgtgatgctg	180
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gtgatcatcc	ttggtacggc	tttttggatg	ttctggcgaa	cctggagcgg	tgagaaaaaac	360
tggctggagg	gaatgcagga	gaatgaacat	catcaccatg	acgaaacaag	gttgatcgat	420
actggccatg	gaaaagttga	actgtccatt	tttgaagaag	gacaacttcc	ccactggcgg	480

ctacgcactc	ttagtggcca	aagatgggct	tctgaagata	tctcattaac	cacacttcgg	540
gaaaacagta	cgatctctca	gacttttgaa	tttgttgatc	atggtgatta	tctggagtca	600
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<210> 1669

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<400> 1669

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gccgcaccca	ttctctgtcg	actcattggc	atgccgccca	tcattatcgg	catgacgggtg	180
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cagggttgacc	tcgctatcgg	caccgcgatt	ggctctaaca	tcgtcaatat	cttgctgatt	300
ttaggcttag	ccgcattact	gcattccattt	cgcgtaacatt	ccgatgtttt	gcgtcgtgaa	360
ttgccgctaa	tgtagtgcgt	cagtctgctg	gcgggctatg	tgctttatga	cgggggtgctg	420
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aagatcgcac	gtctggcgga	aaaacagggt	aacgatagcc	tcacgcgtga	gcacctcgcc	540
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ctgacgggtg	gattttatcgt	atggctggcg	atgctgtact	ggctctcgcc	acttctctct	1020
gggtaa						1026

<210> 1670

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 1670

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cttgcaacct	gttatggccc	ggtgagcgcc	cacatgatgt	caaaggcgga	aaatatccgc	120
ctgctgatcc	tcgatgtgga	tgggtgtgctc	tccgacggtc	tgatttatat	gggcaataac	180
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tccggtattg	aagttgcaat	catcaccggg	cggaaagcta	aactggtaga	agatcgggtg	300
gaaacgctgg	gcattacgca	tctctatcag	ggacagtctg	ataagatggg	agccttcggg	360
gatttgctgg	gaaaactggc	cattgcgcca	gagaatgtgg	catacgtcgg	agatgatttg	420
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ctgctgatcc	cgcgctgctg	ttacgttacc	catattcacg	gtggccgtgg	cggcgtccgt	540
gaagtctgcg	atctgcttct	gctggcgag	ggcaagcttg	atgaggcgaa	agggcaatcg	600
atatga						606

<210> 1671

<211> 576

<212> DNA

<213> Enterobacter cloacae

<400> 1671

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cagccgattc	atattgaatc	cgataccag	tctctggata	tgcagggtaa	cgctgctcacc	180
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gttaccgctc	cgggcggcga	gcaggggaaa	gagattatcg	atgggttatgg	caaccgggcc	300
accttctacc	agatgcagga	caacggcaag	ccggtgaaa	gccatgcctc	gcatatgcac	360
tatgaactgg	cgaaggatct	ggtcattcctg	accggtaatg	tttacctgga	acagctggac	420
agcaatatca	aaggcgacaa	gatcacttat	ctggtgaaa	agcagaaaat	gcaggcctcc	480
agcgaaaaag	gcaaacgcgt	cacgaccgtg	cttggtgcctt	cgcagttgca	ggacaagaac	540
aacggtcagg	ctccggcaaa	gaaaaagagt	aactaa			576

<210> 1672

<211> 732

<212> DNA

<213> Enterobacter cloacae

<400> 1672

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gtcgaagatg	tcagtctgac	cgtaaacctc	ggcgaaatcg	tgggtttgct	tggccctaac	120
ggggcgggta	aaaccacgac	cttctacatg	gtggtgggca	tcgtcccacg	tgacgccggc	180
aacatcatta	tcgatgatga	agatatcagc	ctgctgccgc	tgcatgcccg	cgccgcgtcgt	240
ggcatcggtc	atctgccgca	ggaagcgtct	atcttcgcgc	gcttaagcgt	gttcgacaac	300
ctgatggccg	tgctccagat	ccgtgacgat	ctgaccagcg	agcagcgcac	tgaccgtgcg	360
aacgagctga	tggaaagagt	tcatattgaa	caccttcgcg	acagcctcgg	tcaggcgctg	420
tccggtggtg	aacgccgcgc	cggtgagatt	gcgcgcgcgc	tggcagcaaa	cccgaatttt	480
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gaaacgctgg	cggtgtgtga	gcgcgcctac	atagtgagec	agggccatct	gattgcccac	660
ggtacgccgc	agcaaatcct	cgaggatgag	catgttaagc	gcgtgtacct	tggggaagac	720
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<210> 1673

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 1673

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agctctttatc	cattccgcgc	tctaaccagc	gtaaacaaact	ggtttgacac	aaccgataag	120
gaagacacta	tcagactcaa	tataccggga	cataacgtcg	agattactga	ggctttacgc	180
gatttttgtaa	acactaagtt	tgcgaaactc	gagcagtatt	tcgagaggat	caaccaggctc	240
tatgtttgtgt	tgaagtgga	gaaagtgcgc	catatctcgc	atgcgaccct	gcacgtcaac	300
ggaggggaac	tccatgccag	tgcggaagg	caagacatgt	acgcggctat	cgacggcgtg	360
attgataagc	ttgcgagaca	gctcaataaa	cataaagata	aactgaaaca	acactaa	417

<210> 1674

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 1674

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cgttcagtcc	cgctcatcgca	cgctggaaaa	acgcaaaaaca	tgaccgtaaa	acagaccgctc	120
gaaatcacca	ataagctggg	tatgcatgcg	cgcccggcga	tgaagctggt	tgagctgatg	180
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agcgtgatcg	ccctgctgat	gctggattct	gccaaaggcc	gccagattga	agttgaagcc	300
accggcccgc	aggaagaaga	agcgtggtcg	gcagtgattg	ccctgtttta	cgccgggttt	360
gacgaagact	aa					372

<210> 1675

<211> 891

<212> DNA

<213> *Enterobacter cloacae*

<400> 1675

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cgtccgatga	ttgccattct	ggccgcacgc	gcggttggct	atcagggaaa	tgcccatgtc	120
acgatcgcgg	cgctgatcga	atztatccac	accgccaccc	ttcttcacga	cgatgtttgt	180
gatgaatcag	acatgcgtcg	tggcaaagcc	accgccaacg	ccgcgttttg	taatgcggca	240
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ctacagctga	tgaacgtcaa	cgacccggac	atcaccgaag	aaaactatat	gcgggtgatt	420
tacagcaaga	ccgcacgtct	gttcgaagcc	gccgcgcagt	gctctggcat	tctggctggc	480
tgtagcgaag	cggaggaaaa	aggccttcag	gactatggcc	gttacctcgg	caccgcgttc	540
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gctgaagaag	aagcggacaa	agccatcgcc	gctattcagg	tcattcccga	cagcccattg	840
cgtgatgcgc	taatcggcct	cgcgcacatc	gccgtccagc	gcgaccgtta	a	891

<210> 1676

<211> 342

<212> DNA

<213> *Enterobacter cloacae*

<400> 1676

tgctgtcttt	tcacacgaaa	cgacgtggac	gataacgaac	acaaggacag	cattatggat	60
acaaaattca	tcgactggca	ttctgctgac	attattgcgg	cactgcgtaa	aaaaggaact	120
tcgctggctg	ccgaatcacg	tcgtcatggg	ctgagctcgt	cgacgctggc	aaacgccctg	180
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gtgatatggc	cgtcacgcta	ccacgatccc	atcacccatg	aatttatcga	cagaacgcgc	300
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<210> 1677

<211> 1062

<212> DNA

<213> *Enterobacter cloacae*

<400> 1677

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ggcaaagacg	ttctggagat	tgaacgtgaa	ggtctggcgc	agttagatca	gtacattaat	180
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ctgatgcagt	cccgtcatat	tacctcagtg	atggttgccg	atggcgacca	actgctgggt	1020
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<210> 1678

<211> 507

<212> DNA

<213> Enterobacter cloacae

<400> 1678

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cagacaaaga	cccacctgca	cacgtgtcgc	ctggttgcca	aacgtctggc	ggataaaacc	420
atgtgtcgtc	gactgcgctc	agcccaaagt	gatgaagagc	tttatcaaat	tatcactgaa	480
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<210> 1679

<211> 900

<212> DNA

<213> Enterobacter cloacae

<400> 1679

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<210> 1680

<211> 594

<212> DNA

<213> Enterobacter cloacae

<400> 1680

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cagatcaacc	tggtcaccca	ggatgtcacg	tcgcaggatt	tagtcacct	gtatggcaca	480
acatttaatt	ccagcggttt	aagaatgcgc	gggaacttac	gcagcaaaaa	cgccgagctg	540
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<210> 1681

<211> 1473

<212> DNA

<213> Enterobacter cloacae

<400> 1681

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ctgtccacgt	tagaactcca	gcaggagctc	cagcaggcgc	tggacagcaa	tccgctgctg	180

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gatcagggta	ttatggtggc	acgtcgctac	gtcgcgaagt	atcgagagtc	tttatccatt	1440
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<210> 1682

<211> 833

<212> DNA

<213> Enterobacter cloacae

<400> 1682

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tcgcgcgcga	gggcgaacag	atggcgcgta	actaccgtgc	tcaggctatg	tacggtgggt	180
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<210> 1683

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1683

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cagcaactgg	gccaacagat	tcagtcgcct	gatttacctg	cctgggaaga	taatgtaggt	420
gattgggtcg	aagagatgaa	acaggagtgg	caaaacgatg	tggaacgtgc	gaaagcctgg	480
gtagatgccca	gaaaaaaatg	a				501

<210> 1684

<211> 759
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1684
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 attgcgctgt tcagcatcct gcccgctccg ttctccgccg tgatggcaga gcggcagatt 180
 agcgcctggc tctcgggtga ttttggtat gtgcccact cagactgggt cggcatggat 240
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 aaccgcgtcc gcggcgcgct gacgctttct cagcagacgg taaaaaacct gttcttatgg 420
 gacggtcgca gctgggtgag aaaagggctg gaggccgggc tgacgctggg cgtcgagacg 480
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 gtgtttggcg tcgaagcggc atcgacggcg tattttggca agcccgccag caggttgact 600
 atgtccgaag cggcactcct tgccgccgtg ctgccgaacc cgctgcgttt taaggccagc 660
 accccgtcag gctacgtgag aagccgccag gcgtggatta tcgccagat gcgtcagttg 720
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<210> 1685
 <211> 798
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1685
 ggagttaagc cactcatgct gttaaatgag ttggcgggtc ttggacaccg tggcctaaaa 60
 accatcagta cgttcggggc tgccggatta atgttggtca acgcgctggg cggcaaaccg 120
 gaggctccga agcatgcgcc gttactggtg cggcagctct ataacgtcgg cgtgctgtcg 180
 atgcttatca tcacgtgtgc gggtttgttt attggcatgg tgctgggggt gcagggggat 240
 ctggtactga caacctacag cgcggaaacc agccttggca tgctggtggc gctctcgtg 300
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 acgcgtactg tcgtacattc gtcgctggcc gttttaggtc tggattttgt gctcaccgca 780
 ctgatgtttg ggaattga 798

<210> 1686
 <211> 357
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1686
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 ctggatcagg atctgcttaa cccgctgtgg gacgctcgcc ataacgcgat gcagggcgtg 180
 acgctgattg atctccatgg cgtcacgcgg gtagataccg ccggtatcgc cctgctggcg 240
 cacctggtgg ccacgggcaa aaagcagggg agtagcgtca ccctgacggg ggtaagcgat 300
 aacgtgatta cccttgaca gctttacaat ttgcccgaag acgtattacc tcgctaa 357

<210> 1687
 <211> 381
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1687
 ttttttcagt acgttacttc tgaaagcccc gacagtttac gcgtcggggc tttttgcttg 60
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gaccccatgg	aaaataatga	aatccagact	gtgctgatga	atgcactctc	ccttcaggaa	180
gcccacgtct	ctggcgatgg	cagtcacttc	caggttattg	ctgtgggtga	gatgttcgac	240
ggaatgagtc	gcgtgaagaa	acagcaggct	gtgtacgcgc	cgctgatgga	atacattgcg	300
gataaccgca	tccacgcct	gtcgattaaa	gcgttcaccc	cacaggagtg	ggcacgcgat	360
cgcaaactaa	acggtttttg	a				381

<210> 1688

<211> 702

<212> DNA

<213> Enterobacter cloacae

<400> 1688

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acgctgctgg	cattatcgcg	gcagggggca	gacgttatct	gcttcgcgcc	ggataaaact	180
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attgaagcag	cacgtattgt	gcgtggagat	attcatccgc	tggcacaggc	cgatgccgct	300
gaacttgatg	cgctcatcgt	gccgggcggc	tttggcgcg	caaaaaacct	gagcacgttt	360
gcaacagaag	gcgcggcggtg	ccatgtcgat	cccgatttga	aagcgctatc	gctggcgatg	420
catgcagcag	gtaagccgca	gggctttatc	tgcattgcgc	cagccatgct	gccgaaaatt	480
tttgatttcc	cgctgcggt	cacgatcgga	accgacattg	ataccgctga	aattatcgag	540
gatatgggcg	gcgagcacgt	gccatgccc	gtcgacgaca	ttgtgggtgga	tgaggacaac	600
aaaatcatca	ccacgcggcg	gtatatgctg	gcgcagaata	tcgctgaggc	tgccgcaggc	660
attgaaaagc	tggtggacag	agtgtgtggt	cttaccgaat	ga		702

<210> 1689

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 1689

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cttctggcgc	tgctggccgc	gctgttcac	tgcttgcgag	cggcggacat	cacctctgtt	120
cgcgccgagc	cgacgtaccg	tatctacgct	actttcgata	acatcggcgg	cctgaaagcg	180
cgctcaccgg	tgcgatttgg	tggcgtcgtt	atcgacgctg	tcgcccacat	tacgcttgat	240
gagaaaacct	atctgccgcg	cgctcgcgatg	gatatcgaag	agcgctataa	ccacattccg	300
gacaccagct	cgctttctat	ccgcacctct	ggcctgctgg	gggagcaata	tctggccctt	360
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caggatacca	agtcagcgat	ggtgctggaa	gatatgattg	gtcagttcct	ttacaacagt	480
aaaggggatg	ataaaaagt	tgacgatgcc	cctgcgcaga	gtgaagacca	caccaacgtc	540
gaaccgacgc	caggcgcgac	gaattaa				567

<210> 1690

<211> 654

<212> DNA

<213> Enterobacter cloacae

<400> 1690

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gcgaagaaaa	ccttcgaccg	tcttaaaaac	gaacagccaa	aaatccgttc	taaccctgat	180
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accactaaac	agaacgagtg	gagcgatctg	ctgcgcacta	aaggcattga	tggcctgacg	600
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<210> 1691

<211> 1977

<212> DNA

<213> *Enterobacter cloacae*

<400> 1691

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ctggcgctgg	tcgtttctggc	cattgtcgtg	caaatggccg	tgacctgggt	tctgcatgga	180
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aacgtgctga	aagataaaaa	agagtacctc	gaggccggaa	tggacgatgt	gctcagcaag	1920
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<210> 1692

<211> 813

<212> DNA

<213> *Enterobacter cloacae*

<400> 1692

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<210> 1693

<211> 1305
 <212> DNA
 <213> Enterobacter cloacae

<400> 1693
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<210> 1694
 <211> 1020
 <212> DNA
 <213> Enterobacter cloacae

<400> 1694
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 aagcttcttc tgaaaatgac cagtcatgag gaagtgcggg actcactgag cacctgttag 1020

<210> 1695
 <211> 201
 <212> DNA
 <213> Enterobacter cloacae

<400> 1695
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 aaaatattgc gtgcccaca attgggcgca ggtcacatca agtaccctca gaattataga 180

gaatacctga aatTTTTgta g

201

<210> 1696

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 1696

gctgtgggtc	aggccactct	tggcatcgac	accaatgtgg	gccttcatgc	caaagtgcc	60
ctgattgcct	ttcttgggtc	gatgcatctc	cggatcgcg	tgctgctctt	tggtcttgg	120
cgagctgggt	gcctcaatga	tggtggcatc	gaccaagggt	ccttgagtca	tcatgacgcc	180
tgcttcggcc	agccagcgat	tgatggctct	gaacaattgg	cgggccagtt	gatgctgctc	240
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<210> 1697

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 1697

catggtttcc	agcggataag	gtcgccggcc	attaccagcc	ttggggtaaa	acggctcgat	60
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tctggtctga	cggcgcttac	tgctgaattc	actgtcggcg	aaggtaagtt	gatgactcat	180
gatgaaccct	gttccatggc	tccagatgac	aaacatgac	tcatatcagg	gacttgttcg	240
caccttcctt	ag					252

<210> 1698

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 1698

aatgtcccca	gacaattctc	tgggggattt	ttcatgatca	aagagactgt	tacgatgagt	60
cataaggaac	tcgaccgact	tcacattatt	caggagtcac	ttaatcgcca	tattactcag	120
gaacaagctg	cggcacgcat	tggcatttct	attcggcagg	ttaaacgtct	ggtgcaacgg	180
tatagaaatg	aagggccttc	tggtctagtt	tcccgccgac	gtggaaagcg	tcccaataat	240
tccttttcta	ccgaattcag	agcaacagta	atttcaactc	tcaaaggccg	ctacgctgat	300
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gaaactctca	ggaagtggat	ggtagaggag	ggcatatggc	gcgaacgtcg	tcgtaagttt	420
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gacagacaca	gtatattcag	agtaaataac	ccggagcggg	aaaggagagt	tgactcagtt	720
cacacgtgcg	ataaagacac	tgggcatcga	gccaatccat	gccaacagcc	cgcaggcaaa	780
agggcgggta	gagcgtgcca	atcagacact	gcaggacagg	ctggtcaaag	aaatgcgggt	840
tcagggtatc	agtga					855

<210> 1699

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 1699

aggggtttca	tgtaaatcat	aggcgcggtg	acccgtttta	tcaacttcagt	ggcctggggc	60
ttaaaccgca	gaagacgtcg	taaagggtcg	gcaacagaac	gtctgccgtg	cttccttccg	120
gcggcgccca	atctgacctg	gtcgatggat	ttcgtcatgg	acgcactttc	caccggctcg	180
aggatcaagt	gtcttacctg	cgctgatgat	ttcacaaagg	aatgcctgac	ggtcactgtt	240
gcctttggga	tttcaggcgt	tcaggtcacg	cgtattctgg	acagcattgc	actgtttcga	300
ggctatccgg	cgacgataag	aactgaccag	gggcccggag	tcaacttgccg	tgactgggat	360
caatgggcct	ttgagcatgg	tgttgagttg	cgcttaatcc	agccgggcaa	gccaacgcag	420

aacggattta	ttgagagctt	taacggacga	tttcgcgatg	aatgtttgaa	tgagcactgg	480
ttcagcgata	tcgttcatgc	caggaaaatt	attaatgact	ggcggcagga	ttataacgaa	540
tgccgcccgc	actccacgct	gaattatcag	acaccgtctg	aatttgcagc	gggctggaga	600
aagggtcatt	ctgagaatga	agattccgac	gttactaact	ga		642

<210> 1700

<211> 1053

<212> DNA

<213> Enterobacter cloacae

<400> 1700

gtgttgatc	taatcgtggg	ggcagggtcat	ggcgaattctc	tgaataatgc	taatatgtgg	60
ggtggggaaa	tccttaatcg	agttcaacaa	tgtaccagtt	acactttggc	attaacaggg	120
accccatgga	gaacggataa	taatcctata	gtgctttcaa	attacactga	tccgcaaggg	180
aagatctgtt	gtgactatgt	atatgggtcta	cacgaggcta	ttgtcgatgg	ggtttgtcgt	240
aaacctaata	ttgctcttat	aaatagtaat	aatttacttt	attcatcagg	ggaagttggt	300
cagcattttg	attccatagc	aggtttcctg	agtgaaccca	tcacttcgta	tcaatcaata	360
atgtggcatc	cagatgcaat	gaagtattta	ctcaaactctg	gatgtaaaaa	actttgtgaa	420
atacgtaagg	ttaattctga	cgcgggtggt	ttagttgtcg	cttcttctgt	cgaacatgca	480
tatcaactac	tgaatatatt	ggaaaaacgaa	ttcgcccaaa	ctgcgcacaat	tgtgacgtac	540
cacgatcgag	atgctttggg	taagatagag	aattatcggc	aatcaactac	agaatggatt	600
gttagcggtg	gtatgattag	tgagggcaca	gatatcccta	gactacaggt	gtgctgccac	660
ctaagttctg	tcaaaacaga	actttacttc	agacaagtat	tgggtagaat	tttacgggtg	720
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gatgagtggg	cattatctat	acatgagact	gagtctacat	ccccagaaat	agtgcgcaga	900
aatggtatgt	caaaaatcgg	agagtttaat	ttgaaaatga	atttcagtga	aataactata	960
tcgccacctg	ctgtttttaga	caaaacaaaa	caactaaaca	tgggttctct	atatcaacag	1020
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<210> 1701

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 1701

tctgctgcat	ggagaggagc	aatttgtctc	agccgatgcc	ggctaccaag	gggcgccaca	60
gcgcgaggag	ctggccgagg	tggatgtgga	ctggctgac	gccgagcgcc	ccggcaaggt	120
aagaaccttg	aaacagcatc	cacgcaagaa	caaaacggcc	atcaacatcg	aatacatgaa	180
agccagcatc	cgggccaaag	tggagcacc	atttcgcatc	atcaagcgac	agttcggctt	240
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<210> 1702

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 1702

ataaccgga	gcgggaaagg	agagttgact	cagttcacac	gtgcgataaa	gacactgggc	60
atcgagccaa	tccatgccaa	cagcccgcag	gcaaaagggc	gggtagagcg	tgccaatcag	120
acactgcagg	acaggctggg	caaagaaatg	cggcttcagg	gtatcagtga	tattgaaaca	180
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cgtattgctg	ataacgcca	tcttgatgta	caccattctg	aagaggaact	gggttatatc	300
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gcgtttcaga	ttcgcagtga	aggccgggga	tatcgacttc	ggcattcggt	tgtcacggta	420
tgcgaaagct	ttaacgggtga	aattaagggt	ctgtatgatg	ggaaagcggt	gggatgggaa	480
aaatatgttg	atggcccggg	gcctatacca	ctggatgatg	aaaaaagtgt	ccatgaacgt	540
gtggataatg	cccgttttga	tttacgctca	aaattctacg	taaaacctaa	agctgaccat	600
ccttggtcca	cgcgccgcac	gcaaagtaat	cagcaagtga	agccccctaa	attacccaga	660
aagaaggctg	atcccagataa	aatggactga				690

<210> 1703
 <211> 948
 <212> DNA
 <213> Enterobacter cloacae

<400> 1703
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 cactacgctt ggctttccat tgccacggct attgccacta tcggactcaa aggtgtggcg 120
 tggaaaatga ccggttcggt cggctctgcta tctgatgcc a tcgaatccgt agttaacctc 180
 gcaggagccc taatggcgct ctggatgctg accttggctg cgcttccggc cgatgagaac 240
 catgcatatg ggcacggcaa agccgaatat ttctcgagt ctttcgaagg atttctgac 300
 ctattggcgg cagccagtat cgcctatacc gcagttgagc ggatgttaac tccacagccg 360
 cttgaggaga ttggtctcgg attactgggt tcaacagtcg catcaatcct taattttgtg 420
 acggctcgca ttttgttaa ggtggcagg cagcacaact ctatcactct tgaggcagat 480
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 gtttatctga ccggctggtt ttgggtcgat ccgatcggtg cattgctggg cgcagccaac 600
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 ctaccacagg aagaactcaa aaaaatcgag tcaactgctg caggatatcg tgaacagggg 720
 cttgatttcc atgcactacg tacacgccag gctggcgggc gggcgtttat gacaatgcac 780
 atcctagttc ctgggcgatg gactgttcaa tatgggcacg actggggcca gcgtatagag 840
 aatgatatcc gcaccgca ctgccttttatt catatcacca ctcatgtgga accgttgga 900
 gatccgcgct caatgaacga ccaaacgctc gacatttctg atcactaa 948

<210> 1704
 <211> 294
 <212> DNA
 <213> Enterobacter cloacae

<400> 1704
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 ggctcgacgg tacgtgaaca gttgaaaaag aagctggttg aagtacttga gtcaccccg 120
 attgaagcaa acaagctccg tggatatcct gattgttaca agattaagct ccggtcttca 180
 ggctatcgcc ttgtatacca ggttatagac gagaaagttg tcggttttctg gattttctgtt 240
 gggaaaagag aacgctcgga agtatatagc gaggcgggtca aacgcattct ctga 294

<210> 1705
 <211> 1026
 <212> DNA
 <213> Enterobacter cloacae

<400> 1705
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 accttcgccg acagtgaatt cagcagtaag cgccgtcaga ccagaaaaga gatttttctg 120
 tcccgtatgg agcagattct gccatggcaa aacatggttg aagtcatcga gccgttttac 180
 cccaaggctg gtaatggccg gcgaccttat ccgctggaaa ccatgctacg cattcactgc 240
 atgcagcatt ggtacaacct gagcgatggc gcgatggaag atgctctgta cgaaatcgcc 300
 tccatgcgtc ggtttgcccg gttatccctg gatagcgctt tgccctgaccg caccaccatc 360
 atgaatttcc gccacctgct ggagcagcat caactggccc gccaatgtgt caagaccatc 420
 aatcgctggc tggccgaagc aggcgtcatg atgactcaag gcaccttggg cgatgccacc 480
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 ctgggtaatc tgctgcatgg agaggagcaa tttgtctcag ccgatgccgg ctaccaaggg 720
 gcgccacagc gcgaggagct ggccgaggtg gatgtggact ggctgatcgc cgagcgcccc 780
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 ttcggcttcg tgaaagccag atacaagggg ttgctgaaaa acgataacca actggcgatg 960
 ttattcacgc tggccaacct gtttcgggag gaccaaatga tacgtcagtg ggagagatct 1020
 cactaa 1026

<210> 1706

<211> 1374
 <212> DNA
 <213> Enterobacter cloacae

<400> 1706
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 gcagataaac tgctggctat atttctttcg aagagcgtgg aatgcatacc aatccccgat 120
 aaaaaggagt tggatgatgac tgtgactaat caatttgctg cgcacgttgg tctggactgg 180
 gctgataaaa aacacgatgt ctgtgttcag tttaaaaacg gtgaacgcgt attcgatgtg 240
 attgaacata cagcagaagc gcttgatgcc tggcttactg agttacacca gaaagtataaa 300
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 gcgttcaaat ggataaggat catttaccgc tgctggaagg ccagaacctg ttatgacgaa 1320
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<210> 1707
 <211> 243
 <212> DNA
 <213> Enterobacter cloacae

<400> 1707
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 cttgaaaaaa tgggcgtaac tccttctgaa gcgcttcgtc tcatgctcga gtatatcgct 120
 gacaatgaac gcttgccgtt caaacagaca ctctgagtg atgaagatgc tgaacttgtg 180
 gagatagtga aagaacgact tcgtaatcct aagccagtag gtgtgacgct ggatgaactc 240
 tga 243

<210> 1708
 <211> 189
 <212> DNA
 <213> Enterobacter cloacae

<400> 1708
 cacttctgct ttgcgttgac aggagaagaa ggccatgaaa atgccgaacc aacccattgt 60
 tttgtgcata ttaatagttt gtttaacgct gttgatattc acctgggtca caggaactc 120
 gctttgcgag ttgcggatga aagacggaac aaggagggta tctgctatcc tggcctacga 180
 atccggttaa 189

<210> 1709
 <211> 1212
 <212> DNA
 <213> Enterobacter cloacae

<400> 1709
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 gttgcgctgg atatcgtaga ggcaaaagtg gacatgctta accagaagaa gtccccgatc 180

gtcgataaag	agattgaaga	atacctcgcg	actaagccgc	tgaacttccg	cgctaccacg	240
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atgcgtgtgg	cttacttcaa	cgagctggac	agctatgccg	agagcttagg	tctgaacacc	720
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aaggcgaagg	gcgtgcaggt	cattatttat	gaaccggcga	tgacggaaga	tgagttcttc	1080
cattcgcgtg	tgatccgcga	tctggatgcg	tttaagaaag	aagcggatgt	aattatctcc	1140
aaccgcatgg	cggaagagct	cgcggacgtg	aaagataaag	tctatacccg	cgatttggtc	1200
ggcagtgact	ga					1212

<210> 1710

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 1710

cgcgcgcaaa	cctcttcata	cagcgagacg	ttagagcctg	cgagcgtacc	atcgcgtgaa	60
atatccgtgc	acaggacgtg	cttcagccct	acggggagat	acatcccagc	cagctcttcc	120
agcgttacgc	cggagttttc	ctgccagccg	ctgaccgcga	cctgcttggt	accctgttcg	180
tcaatgcgca	catccagcgc	cagcaccagc	gcacccgcac	cgaagcggcg	gaaccagccc	240
ttgacactct	caggatcttt	cacagcggtc	gaaccgacca	ccacgcgcgc	cacgcccgcg	300
ttcagtaagg	cggcaacatc	ggcttccgta	cgcacgccgc	cgcccacctg	caccgggacg	360
tccacgccag	ccaccagtgt	tttaagcagc	gggatttgge	gcttcgcccg	atctttcgcg	420
ccggtcagat	cgaccagatg	caacacctca	gcgccctcgg	cggcgtaa		468

<210> 1711

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 1711

gaatggatac	tgtcccgaac	gccagggcag	aaatcgcttg	cgcaccgccc	actttataga	60
tcgcctgcac	gccgcacagc	ttcgccgcgt	acaggatctc	atcggaatt	ggtggaggag	120
agcagagcac	caccttctga	caaccggcaa	tacgtgccgg	ggtggccagc	atcaggacgg	180
tcgaaaacag	cggagcagag	ccgccgggaa	tatagaggcc	gacggacgcc	accggtcgcg	240
tcacctgctg	gcagcgcacg	ccgggcaggg	tttccacatc	caccgcctgc	aatttctgcg	300
cgggtgtgaa	ggtatcaata	tttttcaccg	cgacggccat	cgctgtttg	a	351

<210> 1712

<211> 1143

<212> DNA

<213> Enterobacter cloacae

<400> 1712

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aaaattctag	ttactggcgg	tgccggtttt	atcggttccg	cggttatccg	acatattatt	120
agcaatactc	gggatagcgt	tgtaaactgt	gataaattga	cctatgcccg	taatctggaa	180
tccttgctg	aagtaagcga	tagcgagcgc	tatgtttttg	agcatgccga	tatatgtgat	240
aaagaggcaa	tggcgcgtat	ttttgctacc	catcagcctg	atgcggtaat	gcactctggct	300
gccgagagcc	atgtttgatcg	ttctattacc	ggtcccgcgt	cgtttattga	aaccaatatt	360
tttggcacgt	atattctggt	agaaacaagt	cgtgcttact	ggtcttctact	ggacgaggca	420
gcaaaatccg	ccttccggtt	ccatcacatt	tcaactgatg	aggtttacgg	cgatctgcct	480

catcccgatg	aacattcaga	ttccaccccc	ttaccgctgt	ttaccgagaa	aacagcgtag	540
cagccaagca	gcccttactc	agcgtcaaaa	gcgtccagcg	accatttagt	tcgagccctgg	600
atacgcacct	atgggtttacc	tgggattgtg	acaaattgtt	cgaataatta	tggcccatat	660
cactttcctg	aaaagctgat	ccctcttggt	atccttaatg	cgctggataa	taaaccattg	720
ccgatctacg	gtaaggcgga	tcaaatccgt	gactggttat	acgttgaaga	tcatgctcgt	780
gcactgtata	cggttctgac	cacgggtaag	ccgggagaaa	cctataatat	tggcggccat	840
aacgagaaga	aaaatattga	agtcgttcag	accatttgtg	atctgctcga	tgacatggta	900
ccgaaagaaa	catcctatcg	cgcacaaatt	acttatgtag	cggatcgtcc	tggacacgac	960
agacgttatg	caattgatgc	tcataaaatt	agcgacgagc	tcggatggac	tcctgtggaa	1020
acctttgaaa	gcggcatccg	taaaacgggt	aaatgggtatt	tgaataacca	ggagtgggta	1080
tcgaatgtga	aaagcggcgc	ctataagagc	tggattgagc	agaattatgg	ggagcgtaaag	1140
taa						1143

<210> 1713

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 1713

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actatggccg	taagtaagca	attgttgcca	atttacgata	agccaatgat	ctattaccgg	120
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<210> 1714

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1714

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<210> 1715

<211> 1449

<212> DNA

<213> Enterobacter cloacae

<400> 1715

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<210> 1716

<211> 1143

<212> DNA

<213> Enterobacter cloacae

<400> 1716

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<210> 1717

<211> 984

<212> DNA

<213> Enterobacter cloacae

<400> 1717

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aaatcaggcc	gtttaagcga	cgattcacgc	gaactgctgg	cccgtgctgg	gattaaaatc	180
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<210> 1718

<211> 1089

<212> DNA

<213> Enterobacter cloacae

<400> 1718

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<210> 1719

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 1719

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<210> 1720

<211> 1140

<212> DNA

<213> Enterobacter cloacae

<400> 1720

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<210> 1721

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 1721

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<210> 1722

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 1722

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<210> 1723

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<400> 1723

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<210> 1724

<211> 1326

<212> DNA

<213> Enterobacter cloacae

<400> 1724

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<210> 1725

<211> 621

<212> DNA

<213> *Enterobacter cloacae*

<400> 1725

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<210> 1726

<211> 654

<212> DNA

<213> *Enterobacter cloacae*

<400> 1726

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<210> 1727

<211> 531

<212> DNA

<213> *Enterobacter cloacae*

<400> 1727

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<210> 1728

<211> 2559

<212> DNA

<213> *Enterobacter cloacae*

<400> 1728

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<210> 1729

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 1729

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<210> 1730

<211> 741

<212> DNA

<213> *Enterobacter cloacae*

<400> 1730

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gacaaaattg	ccgatctgct	gttttccctc	aaccgcgagc	acggcaccac	gctgattctg	660
gttaccacag	acccgcagct	ggccgcccgc	tgcgaccgcc	gcctgcggtc	ggtgaacggc	720
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<210> 1731

<211> 642

<212> DNA

<213> *Enterobacter cloacae*

<400> 1731

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gatatcgcca	tgattagtgt	ggaaagtaac	catttttgca	tcctgttccg	ttattgtggt	600
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<210> 1732

<211> 864

<212> DNA

<213> *Enterobacter cloacae*

<400> 1732

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<210> 1733

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 1733

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<210> 1734

<211> 1581

<212> DNA

<213> Enterobacter cloacae

<400> 1734

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<210> 1735

<211> 1554

<212> DNA

<213> Enterobacter cloacae

<400> 1735

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<210> 1736

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 1736

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<210> 1737

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 1737

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ggagttttaa	gacgcagtgc	ttcccgcaat	aatccggcgc	gtgtcgccat	cgtgatgggg	180
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gtcgggtacgc	tggcgattgg	taaagcgggt	gcggcaaagt	ccgccctgct	ggccgcgcag	540
atcctggcga	cgcatgataa	agagttacat	cagcgtctgg	cggagtggcg	taaagcccag	600
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<210> 1738

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1738

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ttgtccccgg	ttttacgggc	gagattgccc	gttggctcat	cggcaaacag	cacttccggg	180
cgccccgtta	acgccctggc	cagcgccacg	cgctgctgct	caccgcccga	aagctgtgcc	240
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<210> 1739

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 1739

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<210> 1740

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 1740

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caggtgattg	atgcgccaaa	agcggcctat	gaggtgagca	acctggagct	ggcgatcgtc	480
aacctgacca	tgaccaatgt	tcacaataag	tatgcaagcc	tgaaataactg	a	531

<210> 1741

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 1741

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ggtagcaaca	ctgattcaga	ataccttgca	ggcgtgcgag	gagtatcacg	acgtagagga	120

cgcgtaatca	tggcaacttt	ttcttttaggt	aaacacccgc	acgttgagct	gtgcgatctg	180
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caggtaacag	tagacggcgc	ggtggaaacc	cgcaagcgct	gcaaaattgt	cgcgggtcag	300
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<210> 1742

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1742

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cgcagccaac	actgcctgca	actgacgccg	gtcctggaaa	gccttgccgc	gcagtacaac	180
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<210> 1743

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 1743

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gtcgtggacg	tgggtattaa	ccgcctggaa	aacggcaaa	tgggtggcga	cgtggtgtat	120
gaagatgccg	cagcgcgcgc	atcctatatt	actccggtcc	cgggcggcgt	tggcccgatg	180
acggtagcaa	cactgattca	gaataccttg	caggcgtgcg	aggagtatca	cgacgtagag	240
gacgcgtaa						249

<210> 1744

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 1744

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gcagggctga	tgatccgcag	gctgaaagag	ccggacctgc	aaacgcagcg	cataaccctc	1140
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<210> 1745

<211> 558

<212> DNA

<213> Enterobacter cloacae

<400> 1745

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aaaatggtta	ctttccacac	taatcatggc	gatatcgtaa	tcaaaacctt	tgatgacaaa	120
gcgcctgaaa	cagttaaaaa	cttcctggac	tactgccgcg	aagggtttcta	caacaacact	180
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gtgaccgtca	gcgagtaa					558

<210> 1746

<211> 726

<212> DNA

<213> Enterobacter cloacae

<400> 1746

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<210> 1747

<211> 1089

<212> DNA

<213> Enterobacter cloacae

<400> 1747

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gcgattgttc	ccctgctgcc	gccagaatac	gcgagcggca	ttgtctgggc	gcagtcaaaa	1080
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<210> 1748

<211> 1155

<212> DNA

<213> Enterobacter cloacae

<400> 1748

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<210> 1749

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 1749

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<210> 1750

<211> 630

<212> DNA

<213> Enterobacter cloacae

<400> 1750

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<210> 1751

<211> 1422

<212> DNA

<213> Enterobacter cloacae

<400> 1751

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<210> 1752

<211> 1497

<212> DNA

<213> Enterobacter cloacae

<400> 1752

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<210> 1753

<211> 1296

<212> DNA

<213> Enterobacter cloacae

<400> 1753

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<210> 1754

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 1754

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<210> 1755

<211> 936

<212> DNA

<213> Enterobacter cloacae

<400> 1755

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<210> 1756

<211> 1134

<212> DNA

<213> Enterobacter cloacae

<400> 1756

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<210> 1757

<211> 1275

<212> DNA

<213> Enterobacter cloacae

<400> 1757

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<210> 1758

<211> 1440

<212> DNA

<213> Enterobacter cloacae

<400> 1758

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<210> 1759

<211> 1467

<212> DNA

<213> Enterobacter cloacae

<400> 1759

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<210> 1760

<211> 1392

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (197)

<400> 1760

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aaaaggtatt	ggcatgggtga	aatccgtact	cgaccgcgtc	cgggagggga	aatgaagttt	180
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caaacgctgt	aa					1392

<210> 1761
 <211> 1398
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1761
 gggtgtatgc tgaaaaagat taccgcgacgc cgatttgtct cttctttatc cgtcctggct 60
 gccatgccgc tgctgtcgcc ccgcgctgcg cggcgccgca ccgggaagac ggtttctgtc 120
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 accgttgttg ttcccgccgg gttaacctgt gaaaacatca ataccggcat tttcattcct 240
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 agctcgggtg atattgatcg ggtcgatcaa catgtggtga atacggaacg gttgaatttt 1380
 gcgctgcgcg acaggtga

<210> 1762
 <211> 1011
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1762
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 agtcattttt atccggatat tactgtctcc ggtgatgttc gtaatcagga tcaactcgat 180
 caggcgcttg ctggttttga aactgtcgtg ctgctcgccg ctgagcaccg tgatgacgtt 240
 agcccaacat cgctatacta tgatgtaaac gtacagggtg ctcgtaacgt attgtctgct 300
 atggaaaaaa ataacgttaa gaacattatt tttaccagtt ctgtggctgt gtatggtcct 360
 aacaaagtga accctgacga atcccatccc catgatcctt tcaaccatta cggcaaaagc 420
 aaatggcaag cggaagaagt tctgcgcgag tggtttaata aagctccaga ggaaagatcc 480
 ctgacaattg tccggcctac ggtcatcttt ggtgagcgta accgtggcaa tgtgtacaac 540
 ctgcttaagc aaattgcagg gggtaaatc gccatggtag gcgctggaac caactataag 600
 tcaatggctt atgtcggtaa cattgttgaa tttatcaaat ttaagctgac caatgttaag 660
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 tcagaagtgt agaagagtct caataaaaaa atcccttcag ttcatctccc ttaccgctt 780
 ggaatgttag gtgggtattg ctttgatatt cttagcaaag ttaccgggaa gaaatatgca 840
 ataagctctg tgcgcgtgaa gaaattctgt gcaactacac agtttgacgc gaccaaggta 900
 cacagctctg gatttaaagc gccttatacc ttatctcaag gtctggaccg tacgctgaag 960
 tatgagttcg ttcattagaa gaaagatgac attacgtttg tatctgaata a 1011

<210> 1763
 <211> 438
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1763
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 cggcagagtt ctcgaccgat accgcgtaca tgtactccac ctatgaagac gagtgcgaag 180
 cgaacccgtc cgtcgaccgc gacaagatta tgggtgctggg cggcgggtcca aaccgtatcg 240
 gccaggggcat cgagtttgac tactgctgcg tacacgcctc tctggcgtcg cgcgaaagacg 300
 gttacgagac tattatggtc aactgtaacc cggaaacggg ctctaccgat tatgacacct 360
 ccgaccgcct ctacttcgag ccggttacc tggaagacgt gctggaaatc gtgcgcatcg 420
 agaagccaaa aggcgtga 438

<210> 1764

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 1764
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 tgccaatcct tgcgattttac tttgaagcgg tcgttagcct ctttcagttg gggggggaac 120
 tgtctacact cattgctaca agaaaagcag aagacaggca tattcatggt tctgataatt 180
 tatgcgacac cctatccgca gcattcgcat gcgaataagc ggatgcttga gcaggcaagg 240
 acgctcgaaa acgtagagat acgttccttc tatcaactct atcctgattt taatatcgat 300
 gtgcgcgcgg aacaggaggc gctctctcgt gccgatctga tcgtctggca gcatccgatg 360
 cagtgggtaca gcacccctcc gctgctgaaa ttgtggatcg acaaagtttt ctcccacggg 420
 tgggcatacg gacacaacgg caacgcgctt catggcaaaa gcctgatgtg ggctgttacc 480
 accggcgggg gggaaagcca ttttgagatt ggcgccttcc ctggatttga cgtgctggcg 540
 cagccgctcc aggtactgc cctttactgc ggtctgaact ggcttcgcc ttttgcgatg 600
 cactgtacct ttgtctgca cgatgaaacc ttgcaggcgc aggtcgtca ctacaaacaa 660
 cgcttacttg agtggcagga gacgcacaat ggatag 696

<210> 1765

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 1765
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 aataaattac tgatcgcttc cgttctgggt gccaccgcaa tggtcacctg ggcgggctgt 120
 tcgtccaatc aggcgtaaa aaccaccgat ggcaaaacga ttgttactga cgggaaaccg 180
 caggtggatg acgataccgg tctggtatcg ccgaaaccgg tcaaaactgaa 240
 cagattaacc gcgaccaggg taaatcaatg ggtgagctgg ataactaa 288

<210> 1766

<211> 1977

<212> DNA

<213> Enterobacter cloacae

<400> 1766
 actggcttcc gcctttttgcg atgcactgta cttttgtctg cgacgatgaa accttgacgg 60
 cgcaggctcg tcactacaaa caacgcttac ttgagtggca ggagacgcac aatggatagc 120
 catacgctga tacaggcgct gattttacctc ggcgcggcgg cattaatgtg gcccggtggc 180
 gttcgtctgg ggctgggctc ggtgctcggc tatctgattg ccgggtgtgt aattggcccc 240
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 cgtccgctgc tgcgctttgt tgctcgctct ggctgcgcg aagtattcag cgccgttgcg 780
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atcaacgagg	atcgtaatca	cctgtcgctg	gttcagcgcc	acggctggca	aggaacggaa	1920
gagggcaagc	ataccggtga	tcctgaggat	gaaccggaga	gtaaaccttc	tgcgtga	1977

<210> 1767

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 1767

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tggtttaaac	gtactacgtt	aaacaagccg	gtagtgatgg	gccgcctgac	ctgggagtcg	180
attggctcgc	cattgcccgg	tcgtaagaat	attgtgatca	gtagccagcc	gggcaactgac	240
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ccggacgagt	gggagtctgt	attcagttag	tttcacgatg	cggatgagca	aaactcgcac	480
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<210> 1768

<211> 834

<212> DNA

<213> Enterobacter cloacae

<400> 1768

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ggcgcacaaa	acggttgat	catcgagg	gataacctcg	atgcgacgct	ggcgttgaa	120
aaagcgaaa	ccttcccggg	tctgaacggt	atggacctgg	cgaaagaagt	gaccacggcg	180
gaagcctaca	gctggacgca	gggtagctgg	acgctggaag	gcgacctgcc	ggaagcgaaa	240
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ttcggcatct	gcctcgcca	tcagctgctg	gcgctggcga	gcggtgcgaa	caccgtcaag	540
atgaagttcg	gccaccacgg	tggttaaccac	ccggtgaaag	atatacgataa	caacacgggtg	600
atgatcaccg	cgcaaaacca	cggcttcgcc	gtcgatgaag	cctcaatgcc	ggctaacctg	660
cgcgtagccc	ataagtcgct	gttcgatggc	accctgcagg	ggattcatcg	taccgataag	720
ccagcgttca	gcttccagg	ccacccggaa	gcgagcccgg	gcccacacga	tgccgcaccg	780
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<210> 1769

<211> 3243

<212> DNA

<213> Enterobacter cloacae

<400> 1769

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g	ctggcccg	ttgtcatcgg	ccaggcctgt	gaatttgact	actctggcgc	g	caggcgtgt	120
a	agccctgc	gtgaagaggg	ttaccgcgtc	attctggtga	actctaacc	g	ccaccatc	180
a	tgaccgacc	cggaaatggc	ggatgcgacc	tacatcgagc	caattcactg	g	gaagtggta	240
c	gcaaaaatta	tcgagaaaga	gcgtccggac	gcggtgctgc	cgaccatggg	c	ggccagacg	300
g	cgctgaact	gtgcgctgga	gctggagcgt	cagggcgtgc	tggaaagagt	c	ggcgtgacc	360
a	tgatcgggtg	cgaccgccga	cgcgattgat	aaagcagaag	accgtcgccg	c	ttcgacgtg	420
g	caatgaaaa	aaattggcct	tgataccgcg	cgttccggta	tcgcgcacaa	t	atggaagaa	480
g	cgctggccg	ttgcggctga	agtgggctat	ccgtgcatca	tccgtccatc	g	ttcaccatg	540
g	gcggcaccg	gcggcgccat	tgccataaac	cgcaagagt	ttgaagagat	t	gtgagcgc	600
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a	cgctgaccg	acaaagagta	ccaaatcatg	cgtaacgcct	cgatggcggg	a	ctgctgtaa	840
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c	tgatgtgta	tcgaaatgaa	cccgcgcgtg	tcccgttcct	ccgcgctggc	c	tccaaaagcc	960
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c	gcctctact	tcgagccggg	taccctggaa	gacgtgctgg	aaatcggtgcg	c	atcgagaag	1920
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c	aatataaaag	tgcactacga	caccaccctg	aacggcggtt	tcgcaacagc	g	gatggcgctg	3180
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<210> 1770

<211> 1299

<212> DNA

<213> Enterobacter cloacae

<400> 1770

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<210> 1771

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1771

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atggcagcaa	tatcctggaa	caacagtacg	gagaagggtc	tgcgcccac	ttgcgacacc	180
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cacagccgct	gcggatccaa	ctccaggcca	atcacgaaca	gcataagcac	cacgccgatc	420
tcgcaaaat	gcaggatcga	ctcggcatcc	gtcaccagcc	gaaaaccca	ggggccaatt	480
acacaccg	caatcagata	g				501

<210> 1772

<211> 1437

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (29)

<400> 1772

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gaatcaacgc	gtctgcatat	cgagccgacg	atcaacctgc	cgtgggtcaaa	cgactggg	420
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<210> 1773

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 1773

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caggccatgg	tcgaaatcgg	cccgggactt	gccgcgctga	ccgagccggt	aggcgaacgc	180
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ccgttcctcg	ggccgaagct	gacgatttat	cagcaggatg	cgatgaccat	gaactttggc	300
gaactgtcag	aaaaaatggg	acagccgctg	cgcggtgttc	gtaacctgcc	gtacaacatc	360
tccaccccgc	tgatgtttcca	tctgttttagc	tatactgatg	ccattgccga	catgcacttc	420
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cgtttaagcg	tgatggcgca	atattactgc	aacgtgatcc	cggtattaga	agtaccgcct	540
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aaccagcgcc	gtaaaacgat	tcgtaacagc	cttggcaatc	tgtttaccgt	tgacgtatta	720
gctgagttgg	gcatacgacc	ggcaatgcgt	gcggaaaata	tttccgtaga	gcagtactgc	780
aagctggcta	attacatcag	cgacaatgcg	ccgccgaagg	agagctaa		828

<210> 1774

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 1774

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cggatgcctg	tgcaactgct	cgggcgctac	tggcttatca	ccaacggcaa	tggccgtgaa	180
attgaagtcc	agggcggaag	tgtggtgggt	gaacaacccc	atatacggcc	tggcgaagag	240
tatcagtaca	ccagcggcgc	ggtaattgaa	actccgctgg	gtaccatgca	gggccattac	300
gaaatggtcg	atgccgacgg	taatgctttc	cgcattgcta	ttcccgctatt	ccgtctcgcc	360
gtacctacac	ttattcatta	a				381

<210> 1775

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 1775

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ctggtgggtc	agctcgccca	gtgcagctgg	ccggtagagt	tgggtgtctg	tgacgatgca	180
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gaaggccaac	agccccgcacc	gcagcagtct	ggtactctca	ccctgctttc	tggtccgctt	300
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ctggatctgg	caggccaggg	aaaagcggat	gtcggcagtt	ttattacggc	gcttaatctc	1020
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<210> 1776

<211> 969

<212> DNA

<213> Enterobacter cloacae

<400> 1776

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<210> 1777

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 1777

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catagcctgc	atggcaatag	ccgtcgagga	gagcgccagc	gtcatgccga	tcaactccgc	180
gactttccac	tccatcccga	gcagaatgca	gaaccgccc	aacagcagac	cgcaggccag	240
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caactccagg	ccaatcacga	acagcataag	caccacgccg	atctccgcaa	aatgcaggat	360
cgactcggca	tccgtcacca	gccgaaaacc	ccaggggcca	attacacacc	cggcaatcag	420
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<210> 1778

<211> 3102

<212> DNA

<213> Enterobacter cloacae

<400> 1778

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<210> 1779

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 1779

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<210> 1780

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 1780

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<210> 1781

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 1781

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atgttcgcgg	ggctacagca	ggtgctccag	ccagccggat	atcagatcat	gctggcgga	360
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<210> 1782

<211> 624

<212> DNA

<213> Enterobacter cloacae

<400> 1782

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gccgccatgt	atgaacttac	cgagatgggtg	attcagcgcg	gctaccagaa	tatcggcgtg	180

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cagccgccg	tgacgacgat	ggcagtaccg	catcgcaaga	ttgggattga	agccgggaaa	540
gcgttactgg	aacgtctgaa	tgacggagac	tggcgcgacc	ataaaccat	cgcgtccagc	600
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<210> 1783

<211> 1239

<212> DNA

<213> Enterobacter cloacae

<400> 1783

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<210> 1784

<211> 2145

<212> DNA

<213> Enterobacter cloacae

<400> 1784

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<210> 1785

<211> 636

<212> DNA

<213> Enterobacter cloacae

<400> 1785

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<210> 1786

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 1786

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attgaggccg	aggttgaaca	ctccgatctc	tctcggcta	cgccgggcgc	ggcggacctg	180
tttgtaattg	cgaaagacat	tgccgcaagc	gccagcgtgc	cggaaagcca	gctggtggtg	240
atcaacaata	tcacgatgat	taacgaactc	gaagcgcagt	tgccgcgctg	gttcgaaaga	300
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<210> 1787

<211> 1404

<212> DNA

<213> Enterobacter cloacae

<400> 1787

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gcaaccgtgc	tggtgggctc	attaaatccg	ctcggcggtg	tgtttgagca	cgcttttaat	240
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<210> 1788

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<400> 1788

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<210> 1789

<211> 465

<212> DNA

<213> Enterobacter cloacae

<400> 1789

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<210> 1790

<211> 678

<212> DNA

<213> *Enterobacter cloacae*

<400> 1790

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<210> 1791

<211> 1845

<212> DNA

<213> *Enterobacter cloacae*

<400> 1791

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<210> 1792

<211> 894

<212> DNA

<213> *Enterobacter cloacae*

<400> 1792

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<210> 1793

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 1793

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<210> 1794

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 1794

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ataaaaaacca	tcacgatcgc	cttctga				447

<210> 1795

<211> 858

<212> DNA

<213> Enterobacter cloacae

<400> 1795

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<210> 1796

<211> 549

<212> DNA

<213> Enterobacter cloacae

<400> 1796

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<210> 1797

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 1797

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<210> 1798

<211> 1383

<212> DNA

<213> Enterobacter cloacae

<400> 1798

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<210> 1799

<211> 264

<212> DNA

<213> Enterobacter cloacae

<400> 1799

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gttatctcgt	tcaacgccaa	aacctcaacc	gacgagcaga	aaaagcacga	cgattttgtc	180
gaccgtatga	tggaaaaagg	ctatacgcgc	aaacaggtec	gcctgctttg	tgaatggtat	240
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<210> 1800

<211> 3363

<212> DNA

<213> Enterobacter cloacae

<400> 1800

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<210> 1801

<211> 4020

<212> DNA

<213> Enterobacter cloacae

<400> 1801

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<210> 1802

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 1802

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<210> 1803

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 1803

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<210> 1804

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 1804

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cgcacgctga	gcgatgttgt	cacctcgggt	accgccgggg	tggatgccag	ctcaggatac	420
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gcaaaaacttg	agggaagcaa	tacgcgggata	ttcgccaggc	cgcagacaac	ccccggcggc	600
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<210> 1805

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 1805

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<210> 1806

<211> 1122

<212> DNA

<213> Enterobacter cloacae

<400> 1806

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<210> 1807

<211> 387

<212> DNA

<213> Enterobacter cloacae

<400> 1807

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gatcgatcatg	agggaacaaa	agcatttgca	tggaaagccg	cgctagagga	cttgggtctc	300
tatcgatgca	aacagtacaa	gccctcccca	atggggggag	gcaactgggc	tttgactgca	360
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<210> 1808

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 1808

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<210> 1809

<211> 1398

<212> DNA

<213> Enterobacter cloacae

<400> 1809

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<210> 1810

<211> 195

<212> DNA

<213> Enterobacter cloacae

<400> 1810

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<210> 1811

<211> 666

<212> DNA

<213> Enterobacter cloacae

<400> 1811

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<210> 1812

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 1812

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<210> 1813
 <211> 534
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1813
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<210> 1814
 <211> 1509
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1814
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<210> 1815
 <211> 975
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1815
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<210> 1816

<211> 1092

<212> DNA

<213> Enterobacter cloacae

<400> 1816

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<210> 1817

<211> 324

<212> DNA

<213> Enterobacter cloacae

<400> 1817

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<210> 1818

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 1818

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<210> 1819

<211> 1116

<212> DNA

<213> Enterobacter cloacae

<400> 1819

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<210> 1820

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 1820

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<210> 1821

<211> 4092

<212> DNA

<213> Enterobacter cloacae

<400> 1821

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<210> 1822

<211> 447

<212> DNA

<213> *Enterobacter cloacae*

<400> 1822

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<210> 1823

<211> 783

<212> DNA

<213> *Enterobacter cloacae*

<400> 1823

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<210> 1824

<211> 858

<212> DNA

<213> *Enterobacter cloacae*

<400> 1824

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<210> 1825

<211> 591

<212> DNA

<213> Enterobacter cloacae

<400> 1825

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aaatgggggc	cgacgtccgc	caactgctcc	ccggcgcgca	ttgtgtttgt	gcgaagcccg	180
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<210> 1826

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 1826

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gtaccggaaa	ccatgcaggc	ggaagccttc	gccaaagccg	gggggaaaaac	acaaaacgcc	180
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ccctatggcg	caacaacgat	tgccgggtgg	gatgggtcac	gtcagccaag	caatgaagaa	540
ctttcaatcg	cccgtatca	gggtgaatac	gtcgcgggtc	ttgccaaaaa	actgaacggc	600
taa						603

<210> 1827

<211> 246

<212> DNA

<213> Enterobacter cloacae

<400> 1827

cctaacagga	ggacaagtat	gccaaactcaa	gaatccaaag	ctcaccacgt	gggcgaatgg	60
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gacgaaaagc	tggctgaaca	gatttgggaa	gaaggcaacg	atgaagtgtc	ggttcgcgcc	180
ttcaaaaaaa	ccgacaaaaga	ctcgtctgtc	tggggcgagc	aaaccatcga	acgtaaaaac	240
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<210> 1828

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 1828

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acgggattgg	tttcgttatc	caggcctacc	agaaacgctg	cccgttcgtc	attgactacc	180
tga						183

<210> 1829

<211> 1179

<212> DNA

<213> Enterobacter cloacae

<400> 1829

caccctaata	acaaagtgat	tttcaaaact	ggcactgcct	ttgcaaaaac	accgttacac	60
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aacggctggc	ttatctcgac	cactgcaccg	caatacatgc	cgacctttga	gctgaataaa	180
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gatgattttc	tcaccggcgt	ggaaaccttc	ggcgagcgca	ttcagccgct	gatgcagtgc	1140
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<210> 1830

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 1830

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gcggatgca	cgtaaccga	taccccgccc	actctgctgg	tgtgcctcaa	ccgcggcgcg	180
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gcccgtggtc	agacggggga	gacgggctgc	ccgcgtctgg	aggcgggcct	ggcctcatte	360
gactgccgca	tcagccaggt	ggtgagcgtc	ggcaccacag	acattctgtt	ttgcgacatt	420
gtatcgatta	tccgccaccc	ggcgccgcaa	gggctggtgt	ggttcgaccg	cggctatcac	480
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<210> 1831

<211> 1344

<212> DNA

<213> Enterobacter cloacae

<400> 1831

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ggcgtgcagc	atgcggtcgc	gatgtttggt	gcgacggtgc	tgatgccccat	gctgatgggg	180
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<210> 1832

<211> 2682

<212> DNA

<213> *Enterobacter cloacae*

<400> 1832

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cccgttcgct	tccagggggg	ggaagtgggt	accgtgcagg	atatttccct	cggcaaaagg	300
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ggcacgcctc	tggcgcctaa	ggcgacggca	ggtaaacact	tcctgctgct	ggaaagtga	2640
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<210> 1833

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1833

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cgaacgttaa	gtattccctg	caaatccgat	ccggatttgc	gcatgcagct	ggacgcctgg	180
gatgcagata	ccagcgctcc	ggcaatcctt	gatggggaac	attccgttct	gtaccgtgag	240
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<210> 1834

<211> 1104

<212> DNA

<213> Enterobacter cloacae

<400> 1834

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cacgtgtcaa	acatacacct	gcaaaacgat	gtttttttatc	cgcacgcac	aaatattatt	180
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<210> 1835

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 1835

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catctgcg	actggtttcg	cgaacgtctc	attgcgcac	gcctcgccctc	cgtaaatctc	240
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<210> 1836

<211> 684

<212> DNA

<213> Enterobacter cloacae

<400> 1836

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cagtatgccc	cgcggcacia	ctgtgttgat	gagcacgtaa	aacatcacct	gcactttatt	120
gccgaagctg	cctggcatgg	gtgcgatttg	atcgtctttc	cggagctttc	gcttaccggc	180
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gtacgtgccg	ataagggaga	actgctgcta	accggttctt	taggccaaca	gggttgga	660
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<210> 1837

<211> 678

<212> DNA

<213> Enterobacter cloacae

<400> 1837

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gcgctgtata	agtcgcgcaa	actcagcgtg	cgaacgcgcg	aagggtgca	tcatcaccgt	420
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ttcggtaaat	atcgcgggaa	gccagtatcg	gaagtggcgg	acaaagatcc	gggctatctg	600
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tatttaggcg	aagcctga					678

<210> 1838

<211> 1314

<212> DNA

<213> Enterobacter cloacae

<400> 1838

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tgtccccagt	gcgatacgct	ttttatggtg	ccgaagatga	aatcgacca	aagtgtttt	180
tgtccatgct	gcgatgccaa	aattcgcgat	ggccgggact	ggtcattgac	gcgtctggcg	240
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<210> 1839

<211> 1464

<212> DNA

<213> Enterobacter cloacae

<400> 1839

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<210> 1840

<211> 1275

<212> DNA

<213> Enterobacter cloacae

<400> 1840

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<210> 1841

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1841

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caaccagcat	ctcagtgcca	atggcctcaa	tttcaggcac	cacgaaatcc	ggtttttcc	240
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<210> 1842

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1842

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<210> 1843

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 1843

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<210> 1844

<211> 2103

<212> DNA

<213> Enterobacter cloacae

<400> 1844

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<210> 1845

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 1845

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<210> 1846

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1846

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<210> 1847

<211> 516

<212> DNA

<213> Enterobacter cloacae

<400> 1847
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<210> 1848

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 1848
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<210> 1849

<211> 777

<212> DNA

<213> Enterobacter cloacae

<400> 1849
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<210> 1850

<211> 216

<212> DNA

<213> Enterobacter cloacae

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<210> 1851

<211> 1587

<212> DNA

<213> Enterobacter cloacae

<400> 1851

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<210> 1852

<211> 1713

<212> DNA

<213> Enterobacter cloacae

<400> 1852

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<210> 1853

<211> 1014

<212> DNA

<213> Enterobacter cloacae

<400> 1853

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<210> 1854

<211> 2643

<212> DNA

<213> Enterobacter cloacae

<400> 1854

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<210> 1855

<211> 3507

<212> DNA

<213> Enterobacter cloacae

<400> 1855

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<210> 1856

<211> 2100

<212> DNA

<213> Enterobacter cloacae

<400> 1856

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<210> 1857

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 1857

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<210> 1858

<211> 1176

<212> DNA

<213> Enterobacter cloacae

<400> 1858

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<210> 1859

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 1859

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<210> 1860

<211> 2541

<212> DNA

<213> Enterobacter cloacae

<400> 1860

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<210> 1861

<211> 1113
 <212> DNA
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<210> 1862
 <211> 249
 <212> DNA
 <213> Enterobacter cloacae

<400> 1862
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<210> 1863
 <211> 348
 <212> DNA
 <213> Enterobacter cloacae

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 <212> DNA
 <213> Enterobacter cloacae

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<210> 1865

<211> 807

<212> DNA

<213> Enterobacter cloacae

<400> 1865

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<210> 1866

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 1866

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<210> 1867

<211> 838

<212> DNA

<213> Enterobacter cloacae

<400> 1867

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<210> 1868

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 1868

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<210> 1869

<211> 765

<212> DNA

<213> Enterobacter cloacae

<400> 1869

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<210> 1870

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 1870

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tatcgta	ttggtac	tgatttc	ctgggact	cgggtgg	ccgtaatt	360
agctatc	tcaaaga	ggatggc	aaagcggg	gcgcaaat	gcagcgct	420
aaaattc	cggactgg	tgtaaaa	accgatga	ggcgtttt	cggatgg	480
gccatgt	agtttgc	tgacctg	aaaaccg	attctga	ccgtgttg	540
acggaa	gttttac	gacaatta	gaaaccgt	ctgcaaaa	taattact	600
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<210> 1871

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 1871

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<210> 1872

<211> 858

<212> DNA

<213> Enterobacter cloacae

<400> 1872

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<210> 1873

<211> 1125

<212> DNA

<213> Enterobacter cloacae

<400> 1873

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<210> 1874

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 1874

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<210> 1875

<211> 1638

<212> DNA

<213> Enterobacter cloacae

<400> 1875

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<210> 1876

<211> 2310

<212> DNA

<213> Enterobacter cloacae

<400> 1876

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<210> 1877

<211> 1407

<212> DNA

<213> Enterobacter cloacae

<400> 1877

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<210> 1878

<211> 1626

<212> DNA

<213> Enterobacter cloacae

<400> 1878

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<210> 1879

<211> 1098

<212> DNA

<213> Enterobacter cloacae

<400> 1879

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<210> 1880

<211> 1140

<212> DNA

<213> Enterobacter cloacae

<400> 1880

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<210> 1881

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 1881

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<210> 1882

<211> 957

<212> DNA

<213> Enterobacter cloacae

<400> 1882

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<210> 1883

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 1883

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gaaggcgaga	ttggcccgat	gcataaccac	ccgcatgagc	aactcaccta	cgttctctcg	180
ggggaatttg	agttcaccat	tggcgaggag	aagcatgtgg	tgaccgcggg	cgacaccctc	240
tataaagcgc	cgcacgtgat	gcacggctgc	gtttgcctga	aaccgcggac	cctgctggat	300
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<210> 1884

<211> 1350

<212> DNA

<213> Enterobacter cloacae

<400> 1884

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<210> 1885

<211> 1119

<212> DNA

<213> Enterobacter cloacae

<400> 1885

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<210> 1886

<211> 897

<212> DNA

<213> Enterobacter cloacae

<400> 1886

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<210> 1887

<211> 1425

<212> DNA

<213> Enterobacter cloacae

<400> 1887

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<210> 1888

<211> 1494

<212> DNA

<213> Enterobacter cloacae

<400> 1888

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<210> 1889

<211> 795

<212> DNA

<213> Enterobacter cloacae

<400> 1889

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<210> 1890

<211> 2322

<212> DNA

<213> Enterobacter cloacae

<400> 1890

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<210> 1891

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (468)

<400> 1891

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<210> 1892

<211> 1185

<212> DNA

<213> Enterobacter cloacae

<400> 1892

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<210> 1893

<211> 1365

<212> DNA

<213> Enterobacter cloacae

<400> 1893

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<210> 1894

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 1894

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<210> 1895

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 1895

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<210> 1896

<211> 363

<212> DNA

<213> Enterobacter cloacae

<400> 1896

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<210> 1897

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 1897

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<210> 1898

<211> 591

<212> DNA

<213> Enterobacter cloacae

<400> 1898

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accacggcag	attttgacgc	gacgtttaag	accaacgtct	atgccccctt	ctggatcacc	540
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<210> 1899

<211> 1209

<212> DNA

<213> Enterobacter cloacae

<400> 1899

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<210> 1900

<211> 1074

<212> DNA

<213> Enterobacter cloacae

<400> 1900

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<210> 1901

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 1901

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<210> 1902

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 1902

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<210> 1903

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 1903

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<210> 1904

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 1904

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<210> 1905

<211> 1491

<212> DNA

<213> Enterobacter cloacae

<400> 1905

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<210> 1906

<211> 549

<212> DNA

<213> Enterobacter cloacae

<400> 1906

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<210> 1907

<211> 2484

<212> DNA

<213> Enterobacter cloacae

<400> 1907

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<210> 1908

<211> 2091

<212> DNA

<213> Enterobacter cloacae

<400> 1908

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<210> 1909

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 1909

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<210> 1910

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 1910

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ttcaatttta	acgatgaaca	gtacgcagag	ttcattgaca	tgctcgatgc	cccggtcgcg	240
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<210> 1911

<211> 1788

<212> DNA

<213> Enterobacter cloacae

<400> 1911

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<210> 1912

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 1912

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gaagcaaacc	gcgttactca	gggttaaagat	ctggctaaccg	atggctaccg	cgctattcag	180
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aaagctggcg	ttgaagctgg	ccgtggtctg	tgggaattcc	gtcttgctga	aggcgaagag	300
ttcaccgtag	gtcaggacat	tagcgttgag	ctgtttgctg	acgttaaaaa	agttgacgta	360
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caggacgcta	ctcacggtaa	ctccttgctc	caccgcgttc	cgggttctat	cggtcagaac	480
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gtaaccgttc	agagcctgga	cgtagtacgt	gttgacgctg	agcgcaacct	gctgctggtt	600
aaaggtgcgg	tcccgggtgc	aaccggtagc	gacctgatcg	ttaaaccagc	tgtgaaggcg	660
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<210> 1913

<211> 368

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (301)

<400> 1913

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aaccgatct	ggcggttcagg	tggcggtgac	ttcgctgcgc	gtccacagga	aacacagtca	300
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tcaggatc						368

<210> 1914

<211> 921

<212> DNA

<213> Enterobacter cloacae

<400> 1914

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<210> 1915

<211> 1374

<212> DNA

<213> Enterobacter cloacae

<400> 1915

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attattaccc	attcactcgc	cctgcacgcc	ctgttctgga	tgattgcgat	gctggcgacc	540
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<210> 1916

<211> 615

<212> DNA

<213> Enterobacter cloacae

<400> 1916

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<210> 1917

<211> 2031

<212> DNA

<213> Enterobacter cloacae

<400> 1917

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aagagctttg	acgaggacgt	ggactactac	gtaccagtc	gtgaagttga	aaagctggaa	1980
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<210> 1918

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 1918

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taa						423

<210> 1919

<211> 921

<212> DNA

<213> Enterobacter cloacae

<400> 1919

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<210> 1920

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 1920

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<210> 1921

<211> 618

<212> DNA

<213> Enterobacter cloacae

<400> 1921

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<210> 1922

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 1922

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tttcatcttt	cggggcgat	cgtcgcggca	atctgtgcag	cgcaggtac	ggtgctggtt	360
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agccaggggc	cgggcaccgc	cattgatttt	ggcctgaaga	ttattgacct	gctggttggg	540
cgcgaaaaag	cgtacgaagt	ggcttcgctg	ctggtgatgg	cggcggggat	ttataactac	600
tacgaataa						609

<210> 1923

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 1923

ttcactatgc	cgaagaagaa	cgacgcaccg	gccagttttg	aaactgcgct	gagtgcgctt	60
gagcagattg	ttaccgcct	cgagagcggc	gatttaccgc	tggagatgc	cctcaacgaa	120
tttgaacgcg	gtgtgcagct	tgcgcgccag	gggcaggtaa	agcttcagca	ggccgagcag	180
cgtgtgcaga	tcctgctttc	cgacagcgaa	gacgctaaaa	ccacgccatt	cacaccggac	240
gccgagtaa						249

<210> 1924

<211> 900

<212> DNA

<213> Enterobacter cloacae

<400> 1924

atggatttct	ccaacgcgct	tcaggcgcg	gtcatccg	ccaacgatgc	gctgcgccga	60
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ctcttggggg	gtaaaacgct	gcgtccgttc	ctggtatatg	ccacgggcaa	catgttcggt	180
atcagcgata	acacgctgga	cgccccggca	gccgcgctgg	agtgtatcca	cgctatttcg	240
ctgatccacg	atgatttgcc	agccatggac	gatgacgac	tgcgtcgcg	tcagccaacc	300
tgcctatatca	aatttggcga	agcgaatgcc	attctggcg	gtgatgcgct	gcaaactctg	360
gccttctcca	ttctgagcga	tgcgcggatg	gttgaagtga	gcgatcgcg	tcgtctggca	420
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gatttagagg	ctgaaggctg	tcaggttact	ctggaacagc	tggagcgcat	ccaccgtcac	540
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cgtaaagccc	gggatctgat	agacgatgcc	cgccagtcgc	tgaatgagct	ggcgcgcaa	840
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<210> 1925

<211> 1887

<212> DNA

<213> Enterobacter cloacae

<400> 1925

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gacgagctgc	gtcgctacct	gctcgacagc	gttagccgct	ccagcggcca	cttcgcctcc	180
ggacttgga	cggttgagct	gaccgtggcg	ttgcattacg	tctataacac	gccgttcgat	240
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ggggcgatca	ccgccgggat	ggcctttgag	gccatgaacc	acgcgggcga	tatcaaaccc	540
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ctgatggcga	accgtaaagc	cgttccgggtg	cttaatctcg	gcctgccgga	ccacttcac	1800
ccgcaaggca	cccaggatga	ggcgcgcgcc	gacattgggtc	tggacgcgcg	cggtatcgaa	1860
gccaaaatcc	gcacctggct	ggcctga				1887

<210> 1926

<211> 1209

<212> DNA

<213> Enterobacter cloacae

<400> 1926

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tacatggcgc	gagccatgaa	gctggcgcag	cgcggtcggg	ttaccactca	ccctaaccctc	180
aatgtcgggt	gcgtcattgt	taaagatggt	gagatcgtgg	gggaagggtt	tactatcgc	240
gcaggcgagc	cgcattgctga	agtgcagtc	ttgcgcattg	cgggggagaa	agcgcgtggc	300
gcgacggcct	atgtgacgct	ggagccatgc	agccaccatg	ggcgtagcgc	gccgtgctgt	360
gaagcgctga	ttgcggcggg	cgtctcgcgc	gttgtcgcgc	ccatgcagga	tcctaaccctg	420
caggtagcgg	gccgcggact	gtatcgtctg	caacaggaag	gaatcgacgt	cagccacggc	480
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ttaggtaacg	acgcgcgcgg	cctgtttgtg	ctgcccgcc	ttgaaaaact	ggccgatgcg	1140
ccgcaactct	cattcagtga	gattcgtccg	gtaggcccg	atgtctgect	ccatttaacg	1200
acagcgtaa						1209

<210> 1927

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 1927

aggaagagta	tgaacattat	tgaagctgct	gtagctaccc	cggacgctcg	cgctcgccatc	60
accattgcgc	gtttcaacaa	cttcatcaat	gatagcctgc	tggaaaggtgc	ggttgacgcc	120
ctgaaacgta	tcggccagg	taaagatgac	aacattaccg	tcgtttgggt	accagggtgct	180
tacgaactgc	cacttgcagc	gggcgcgcgt	gcgaaaaccg	gtaaaatacga	cgcgggtgatt	240
gcgctgggta	ctgttattcg	tggcggcact	gcgcacttgc	aatacgttgc	gggcgggtgca	300
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accaccgaaa	gtattgaaca	agccatcgaa	cgtgctggca	ccaaagccgg	taacaaaggt	420
gcagaagctg	cactgaccgc	gcttgaaatg	atcaatgtat	tgaagccat	caaggcctga	480

<210> 1928

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 1928

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gtccaggcac	tttactcctg	gcagttgtcc	cagaacgaca	tcgctgatgt	tgaataccag		120
ttcctgtcag	aacaggacgt	gaaagacgtt	gacgttctgt	acttccgtga	actgctgtcg		180
ggagtggcga	ctaatagcgc	gtatctcgat	ggtctgatga	agccatacct	gtcccgtctg		240
ctcgaagagc	tgggccaggt	cgaaaaagca	gtgttgcgta	tcgcgctgtt	tgagctgtct		300
aaacgtgatg	atgtgccgta	caaagtggcc	atcaacgaag	cgatcgaact	ggcgaaaacc		360
ttcggcgtcg	aagacagcca	caagtttggt	aacggcgtgc	tggataaagc	cgcacctgcy		420
atccgtcccc	acaaaaagt	a					441

<210> 1929

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 1929

gcttctcggt	atgcctcggt	gcgggtatta	tgcaacgcaa	caaaaatgaa	gggagaagaa	60
aagatgccat	ctttcgatat	tgtttctgaa	gttgatttgc	aggaagcgcg	taacggcgta	120
gaaaatgctg	tccgtgaggt	tgagtcacgt	ttcgattttc	gtggcggtga	ggcgaccatt	180
gaactgaacg	acgcgaacaa	gacgatcaaa	gtcctgagcg	agtctgattt	ccaggccaac	240
cagttgctgg	atatacctgcg	cgccaagctg	ctcaagcgcg	gcattgaagg	gacctcactc	300
gatgtgcccgg	aagattttgt	tcacagcggc	aaaacctggt	ttgtggaagc	gaagctgaag	360
cagggtattg	aaagcgccgt	gcagaagaaa	atcgtgaagc	ttatcaaaga	cagtaagctc	420
aaagtgcagg	cgagatcca	gggggaagag	atccgcgtaa	ccggaaaatc	ccgtgatgac	480
ctgcaatccg	tgatggcgct	ggtgcgtggc	ggcgatctcg	gtcagccatt	ccagtttaaa	540
aacttccgcy	attaa					555

<210> 1930

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 1930

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cgttttacca	ccttcgaggt	ggcagagttg	gtaatgccgc	gcgtggtaaa	aagtaacgat	180
gtgcgcgaac	cgttcaatga	agaaaaactg	cgtagcggga	tgctcaaggc	gctggaaaaa	240
cggcccgtca	gctccgatga	cgtcgaaatg	gcgttaaacc	acattaaatc	ttatctgcgg	300
gggttaggtg	agcgcgaggt	gccgagcaaa	atgatcgcca	atctggtgat	ggaacagctg	360
aaaaagctcg	ataaagtgcg	ctatatccgc	tttgccctcg	tttaccgcag	cttcgaagac	420
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<210> 1931

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 1931

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cagacgctgg	caatcagcac	cgacacctta	gtgtgtgggc	gacatttctt	gcccagacatc	180
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cttgaagcct	tcagcgatgc	cctgtttgag	cagctgaatt	attacgatat	gcagctgatt	360
ggcgggtgata	ccactgccgg	tccgctgtcg	atgaccctgg	caatccacgg	ctatgtgcct	420

gccgggcgcg	cgctgaaaacg	ttcgggcgca	aaaccgggcg	actggatcta	cgtgaccggg	480
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tccgggtggag	aagattatga	gctgtgcttc	acgggtgcctg	agctgaatcg	cggaacactg	840
gatgtggcgt	tagcgcatct	gggggcgaaa	tttacctgca	tcgggcaggt	gatgccggaa	900
agtgaagggc	tgctgtttgt	ccgcgacggc	gccccggtta	cgcttgactg	gaaaggggtac	960
gatcacttcg	cgtaa					975

<210> 1932

<211> 1473

<212> DNA

<213> *Enterobacter cloacae*

<400> 1932

gcttgccata	gaaacattgc	cgccatgaag	tttatcatta	aattgttccc	tgaaatcacc	60
atcaaaagcc	aatctgtgcg	tttgcgcttt	attaaaattc	tcaccgggaa	cattcgtaac	120
gtattaaaac	actacgacga	aacgctcgct	gtgggtgcgtc	actgggacca	cggtgaagtc	180
cgcgcgaaag	acgaaagcaa	acgtcttgat	attcgcgacg	cgctgaccgc	tatcccgggt	240
attcatcata	ttctggaagt	ggaagacgtt	ccgttcagcg	atatgcacga	tatcttcgaa	300
aaggcgctgg	tacagtaccg	cgaccagatc	gaaggcaaaa	ccttctgcgt	gcgcgtgaag	360
cgctcggtga	aacacgagtt	cagctcgatt	gaagtcgagc	gctacgttgg	cggcggtctg	420
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gagatcgaga	acgatcgctc	gctgctggtt	aagggtcggt	atgaagggtat	tggtgggtttc	540
ccgatcggca	cgcaggaaga	tgtgctgtcg	ctgatctcgg	gcggcttcga	ctccggtgtc	600
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<210> 1933

<211> 2160

<212> DNA

<213> *Enterobacter cloacae*

<400> 1933

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aaagatcggt	aggcggtgga	cgcctttttt	gccgctcatg	tgcgcccga	cagcatcggt	180
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aaaaccgggc	gcgtctacta	ccctgccccg	tttatgacca	atgagaatct	ggctctgtac	1920
caggacgcct	atgaaattgg	cccggaaaaa	atcattgata	cctacgccga	ggcgactaaa	1980
catgtggatc	aggggctgtc	gctgacgctc	ttcttccggg	acaccgccac	cacgcgggat	2040
atcaacaaag	cgcagatcta	cgcctggaag	aaaggcatca	aaacgctgta	ctacattcgc	2100
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<210> 1934

<211> 969

<212> DNA

<213> Enterobacter cloacae

<400> 1934

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<210> 1935

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 1935

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ctggaaaaaa	ccgggctatc	gcttggcggt	aaagacgcc	gtctggccat	tgaagaagg	180
gagatttttg	tcattcatggg	attatccggt	tcgggtaaat	ccactatggt	tcgccttctc	240
aatcgccctga	ttgaaccac	ccgcggacag	gtgctgattg	acggcggtga	tatcgccaga	300
atatcagacg	cggaactccg	cgagggtgcg	agaaagaaaa	ttgcgatggt	gtttcagtc	360

tttgactga	tgcgcacat	gacggtactc	gataataccg	cctttggcat	ggagttagcc	420
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gaaaattatg	ctcatgcgta	tcggatgaa	ctctccggcg	gtatgcgtca	gcgtgtggga	540
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cagcgcacca	ttgtttttat	ttctcacgat	ttggatgaag	ccatgcgtat	tggtagaccgt	720
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ccgctcagcg	agttgctctc	tcacgtgggt	caggcgccgt	gcgcgctgcc	ggctcgtcgg	1140
gaagaacaac	agtacgttgg	catcatctca	aaacggatgc	tgctacaggc	tttagatcgc	1200
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<210> 1936

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<400> 1936

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ccactgctcg	acaccatcgc	acgcgccttc	gatctttcag	ccagctccgc	cggctttatt	180
gtcaccgcag	cacagctcgg	ctatgcggcc	gggctgctgt	tcctgggtgcc	attaggcgat	240
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<210> 1937

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 1937

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cttattctgc	tgaccttgct	ctttattatt	attgccgtgg	catatgggat	ctattggttt	180
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atcatggccc	aggtgtcagg	cagcgtgacg	aaagtctggg	ctgataaac	cgactttgtg	300
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cagcttcagg	ccaatatcga	cgtgcagaaa	acggcgctgg	ctcaggcgca	gagcgacctc	480
aatcgtcgtg	ttcctctcgg	caccgccaac	ctgattggcc	gtgaagagtt	gcagcacgcc	540
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accgaagtgc	gtaacgcatg	gcttgccctg	caacgtacca	aaatcgtcag	cccgatgacc	720
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aagtacaccg	ggaaagtggg	cggtctggac	atggggaccg	gcagcgcggt	tagcctgctg	960
cctgcacaga	acgccaccgg	caactggatc	aaagtggtag	agcgcttgcc	tgtgcgtatc	1020
gaactggatc	ctaagcagct	ggcagacat	ccgctgcgaa	ttggcctttc	cacgctggtg	1080
acggtcgata	ccgccaaccg	agacggtcag	atcctcgcaa	gccaggtgcg	cagtacgcca	1140
gcttatgaaa	gtaacgcccg	tgaaattagc	ctcgatcccg	tcaataagct	gatcgatgac	1200
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<210> 1938

<211> 486

<212> DNA

<213> Enterobacter cloacae

<400> 1938

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attgaaatth	tcctgtcggg	aatgtccttt	gagcaatctc	tctcgtcgcg	cctggtggcc	180
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caaatcgccg	ctgcggtaag	ttcaaataatc	gtggtatcca	tgctgatggg	tgcggtgtac	420
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gcgtaa						486

<210> 1939

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 1939

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tcagggcgct	agtgcattag	cacgctggtc	tactttttcca	gcagctcgga	aaacacgctt	180
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cgcgcgctga	tcgcgcgagg	caatcgcaac	ttcggcgagg	cctttgcccg	cgccggggat	420
gtcatctctc	aaaaatgagg	cgtgccgtat	ctctatcggt	ttgaactgat	ggggacacag	480
caggacgtag	agaacgtgcg	taaaggagtg	aacgaattht	ggcaacgaca	accgcagagc	540
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<210> 1940

<211> 1083

<212> DNA

<213> Enterobacter cloacae

<400> 1940

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taa						1083

<210> 1941

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 1941

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<210> 1942

<211> 1581

<212> DNA

<213> Enterobacter cloacae

<400> 1942

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<210> 1943

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 1943

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<210> 1944

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 1944

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gtgcccagac	cggcagacac	cctgcggggc	cagggtttcc	gtcagcttcc	ggttgtggtt	180
gccggcgaca	ccagctggtc	tggcttccgt	ccgacatga	tcaaccgcct	tgccgctcag	240
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<210> 1945

<211> 627

<212> DNA

<213> Enterobacter cloacae

<400> 1945

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gaacaaatgc	ttaagttccg	cgccagtcgt	catgaggact	tcccgtatca	ggaaattctg	180
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<210> 1946

<211> 1695

<212> DNA

<213> Enterobacter cloacae

<400> 1946

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acctgcgccc	cgcgttggtg	ctcgaccgac	ttacgcgacg	gtaaccaggc	gctggcccag	180
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gatcttatacc	atcgcaacttt	cgactccctg	cgcgggcgga	agcaggccac	cgttcacctg	420
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tattttctgcc	gccacttcag	ccgcccagct	gatgtctgta	tcagcgta	tccgcataac	780
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<210> 1947

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 1947

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ggtatgcgtt	tcgattttaca	ggcgatgatt	gccctcaacg	gategccac	ctggcgatc	180
gcacaggccg	tgattgagct	gaatcaggcc	gatctcgacc	ctcaccagct	cgcgcgtgaa	240
aaaaccgacg	cggtaaaagc	catgctgtta	gacaccgtgc	agcctttacc	actcattgac	300
gtcgtcaagg	agtggcacgg	ccgtcgctcct	atgtctgtcg	gtacgggcag	cgagagcgcg	360
attgctgaag	cgctactcaa	tcaccttggg	cctgcgccac	tatttttctg	ccgtcgttgc	420
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<210> 1948

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 1948

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gtggcgatgc	tgttgccgg	cgtaagtcag	ccctgggttc	tggtctta	agcaacaatg	180
ggtaatagcc	ttggagggt	gactaacgtt	attcttgac	gtttctttcc	gctacgcgaa	240
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ttattaagct	ggatgcctgt	aataggcgat	ttactgtgtc	tgctggcggg	atggatgcgc	360
atctcctggg	gaccggtgct	cttttttttg	tgcttgga	aggcgttacg	ctatgtttta	420
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<210> 1949

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 1949

tgttcgtgta	aacagcaacg	acgagctggc	cctgccaaaa	gaaaaacttc	aggaactgca	60
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atgacgacaa	ccaccacctt	ctcctttacc	catcgcccgc	ttgtgccgtt	ttcgcatgat	180
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ctcaccggcg	tcgtgcgggt	ggataccgca	tccggctgct	gggtgggtgcc	gcccggtcgc	300
ggcgtctggc	tacctgcggg	tacgcagcac	gccctgcgca	tcaccggcaa	cgttgccgcc	360
cgcacgctgt	ttatcgaccc	gctggcgcg	gccgatctcc	cggcgacctg	ccagatcgtg	420
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ttacgcgtgg	cgctggatct	ggggatatgg	agccacagcg	cctttacggc	aatgtttcgc	840
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<210> 1950

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 1950

ggaaaagata	tgtattttacg	accgatgag	gtggcgcgcg	ttcttgaaaa	agaagggttc	60
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gtcaaccgtg	aagcaagaat	ggggcgctact	gctctcatta	ttcaccgcac	actcaaagac	180
agaagcctgt	catttgctga	gcccgcctcg	gatattaaaa	cctgcgatca	ttatcagcaa	240
tttccgctct	atttaggcgg	cgagacgcat	gaacattatg	gtattccgca	cggtttcagc	300
tcgcgtatgg	cgctggagcg	attcctgaaa	gggctgtttg	gcgacgtaca	ataa	354

<210> 1951

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 1951

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tgtctgtcgg	tacgggcagc	gagagcgcg	ttgctgaagc	gctactcaat	caccttgggc	120
ctgcgccact	atTTTTctgc	cgctcgttgc	gccgatcatg	ttaaacatca	taaaccgcga	180
ccgataacct	tcctgctctg	tgcagaatta	atgggtgttc	cacctgcaaa	atgcgtgggtg	240
tttgaagatg	ctgatttttg	tattcagccc	gcgcgtgatg	ccggaatggc	ggcgggtggac	300
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<210> 1952

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 1952

cgtatgccgt	tattagatag	ctttactgtc	gaccataccc	gtatggaagc	accagcagtc	60
cgcggtggcg	agaccatgaa	cacgcgcgac	ggcgacacga	tcaccgtttt	cgacctgcgc	120
ttctgcgtgc	cgaataaaga	agtgatgcca	gagaaaggca	ttcacacgct	ggaacacctg	180
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ccgatgggct	gccgcaccgg	tttctacatg	agcctgattg	gtcagcctga	agagaaaacgc	300
gtcgcggatg	cgtggaaagc	ggcgatggaa	gacgtgctga	aggtgaaaga	gcagaaccag	360
atccctgagc	tgaacgttta	ccagtgcggc	acttaccaga	tgcactctct	ggaagaagct	420
caggagattg	cccgtcatat	catcgaacgt	gatgttcgtg	taaacagcaa	cgacgagctg	480
gccctgccaa	aagaaaaact	tcaggaactg	cacatttag			519

<210> 1953

<211> 1572

<212> DNA

<213> Enterobacter cloacae

<400> 1953

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ctggaaaatc	accctcaggc	actgaaaggg	attcagcggtg	ggcttgagcg	cgaaacgctg	120
cgcgtaaattg	cggatggtag	cttagcgact	acgggacacc	cgaaggcggt	aggctcggcg	180
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caggatatcg	agctggcgca	gtacggcacc	tcgaatatattg	gtcggctgaa	aacgctgtat	420
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gttgtgcgtc	agaaagaggt	cgaagcggca	gatactgagt	cgtttgaggc	gtttctggcg	1560
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<210> 1954

<211> 357

<212> DNA

<213> Enterobacter cloacae

<400> 1954

ccaaccgaaa	aaagatgcgg	tgaaacaggg	ttaattgtcc	cggcttgctt	tacactgaag	60
cctccccatc	aggaggcttc	agcaatggct	acaccacgtt	tgaccagaa	agacatgacc	120
gaagccgagc	agcgcgaact	taaaacgctt	ctcgaccgcg	ccgcacgcgc	gcatggccgc	180
acgctgacga	acgccgaaac	caatcaggtt	aaaaaagagt	acatcgacaa	gctgatggcg	240
caacgtgagg	ctgcggcgaa	aaaagccgcg	aagctgaaaa	aagagcaggc	ttataagccg	300
gatgcagagg	cgaccttttc	ctgggtccgc	aatacatcaa	cccgtggaag	gcgctaa	357

<210> 1955

<211> 1362

<212> DNA

<213> Enterobacter cloacae

<400> 1955

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gtactttccg	cctcagcccg	cgtgacgaac	ctgctggttt	ctctgtctga	aggactggaa	180
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cgtctgcaaa	acccgaacgt	cattcgtgag	gaagtggaac	gcctgctgga	aaatatcacc	300
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cacggtgaac	taatgtctac	cctgctgttc	gttgagatca	tgccgcagcg	caatattcag	420
gcgcagtgg	tcgacgtgcg	taaagtcatg	cgcaccagcg	accgctttgg	ccgcgcgag	480
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<210> 1956

<211> 1020

<212> DNA

<213> Enterobacter cloacae

<400> 1956

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ctctctgtac	tcgcgtatta	cactcctgcc	acgttcacgg	gcattgggtcc	gtgggtcacc	180
acgtgctga	tgctgattat	gttcggcatg	ggcgtgcac	tgaaaattga	cgatttcaaa	240
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gcgctaccgg	gggcgtgtgt	ctccgtctgg	cataacctgt	ccggttcgct	gtagcaggg	960
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<210> 1957

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 1957

catgagacat	gttcactatc	actcctccga	tcagtcagga	aagcggttgc	aaaaccacca	60
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cccgtctaac	gcggcagaaa	acctgctgca	accaccgctg	cacaacctgg	cggacaggtt	180
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tcacgcatga	ccgacgaccg	cgtcaccgag	ctgggcgcga	tggtgattaa	ggccgcgaaa	900
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<210> 1958

<211> 318

<212> DNA

<213> *Enterobacter cloacae*

<400> 1958

atcacaggga	gtaatatgaa	ggagatcggt	cagacagaat	ccttccgacg	ctgggagcaa	60
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ggcttagcgg	gcgacattag	acccgtgggg	gaaggtatca	gtgaactgag	gatccacttt	180
ggcccgggct	acagagtcta	ttttaaggac	cagggcaatt	gcacatcgt	gctgttatgt	240
ggtggtgaca	aaagcagcca	ggccagagac	atacttatgg	caaaaatgct	gagcaatgta	300
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<210> 1959

<211> 294

<212> DNA

<213> *Enterobacter cloacae*

<400> 1959

atgagcatgc	ataaattaac	accctacgat	ccagccaacg	caactggtgga	tgacgaggaa	60
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ctgggcgtca	tcgcccagac	gaaagggatg	tcgaccattt	cccagcaaac	ggcctgtca	180
cgagaacaac	tgtatcgatc	attcagtgat	aaggggaacc	caacgctcaa	aaccacgctg	240
gcggtcatga	aagcattggg	ccttgggtta	acaatcaaac	cctctgggga	ttaa	294

<210> 1960

<211> 942

<212> DNA

<213> *Enterobacter cloacae*

<400> 1960

ggatttaagg	ttatgccgat	tcgggtgcag	gacgagctac	cagccgtcaa	tttcttgcgt	60
gaagagaatg	tcttcgtaat	gacaacttcg	cgtgcttctg	gtcaggaaat	tcgcccgtcg	120
aaggtgctga	tccttaattt	gatgccaaag	aagatcgaaa	cagagaacca	gttcttgcgt	180
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<210> 1961

<211> 1365

<212> DNA

<213> *Enterobacter cloacae*

<400> 1961

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<211> 1803

<212> DNA

<213> Enterobacter cloacae

<400> 1962

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<400> 1963

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 <213> Enterobacter cloacae

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<210> 1966
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 <213> Enterobacter cloacae

<400> 1966
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<210> 1967

<211> 1647

<212> DNA

<213> Enterobacter cloacae

<400> 1967

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<210> 1968

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 1968

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<210> 1969

<211> 525

<212> DNA

<213> *Enterobacter cloacae*

<400> 1969

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<210> 1970

<211> 555

<212> DNA

<213> *Enterobacter cloacae*

<400> 1970

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atggcagatt	tcgttgaggc	cgggctaaaa	acccgcgcgg	acagtaaaca	cacttcagta	540
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<210> 1971

<211> 492

<212> DNA

<213> *Enterobacter cloacae*

<400> 1971

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ttcgttcgcg	gccgtacatc	cacactgcgc	atctatattg	atagtgaaga	tggcatcaat	180
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<210> 1972

<211> 1011

<212> DNA

<213> *Enterobacter cloacae*

<400> 1972

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<210> 1973

<211> 1935

<212> DNA

<213> Enterobacter cloacae

<400> 1973

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<210> 1974

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 1974

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cgggaagcgg	gcagtaaaga	agcttttgtc	catgcggatt	acacgctggg	ggtggatacc	360

gccctgacgg	cgaaaaagct	gggcgcaaaa	catttcctgg	tggtcagcgc	gcacggcgcg	420
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<210> 1975

<211> 1518

<212> DNA

<213> Enterobacter cloacae

<400> 1975

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<210> 1976

<211> 2709

<212> DNA

<213> Enterobacter cloacae

<400> 1976

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<210> 1977

<211> 978

<212> DNA

<213> Enterobacter cloacae

<400> 1977

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<210> 1978

<211> 2220

<212> DNA

<213> Enterobacter cloacae

<400> 1978

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<210> 1979

<211> 1251

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(1159)

<400> 1979

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<210> 1980

<211> 507

<212> DNA

<213> Enterobacter cloacae

<400> 1980

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attacgctgg	gcctggttgc	cactgacgat	gaagggcagg	tggtcggcta	cgtggccttc	180
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ctgaatgaat	ttggctatgc	cgctgtcgtc	gttctgggcg	atccggcggt	ctacgaacgt	360
ttagggtttg	agccagcgtc	cagatacgat	ctgcgctgcc	actggccggg	cacggaaaca	420
tctttccagg	tgcatacctc	ggcagatgat	gcgctcgacg	gcgttaccgg	tctggtggag	480
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<210> 1981

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 1981

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gatcccgagc	gcgtggcctt	ttacgtaatg	agcgaagaca	aaacgcggca	tgcgcagatg	180
acgggcccagc	aggcaaaagt	ggcaggtacg	gtaaacggtc	agcctaaaac	tgttgcgctg	240
atccgcgggg	tccagttcaa	aggtgaaatt	cgctgccttg	aaggggagga	gagcgacgcg	300
caacgtaaac	gctatacgcg	ccgcttcctg	gtggctgctg	cgctaaaagc	cccgtgtgtg	360
gaaatccgcc	ttgatgagct	gaaatttacc	gacaacaccc	tgggcttttg	taaaaagctg	420
cactggttac	gcgcccagca	ggcgtag				447

<210> 1982

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1982

caccttcg	ggaatggtat	gactggtcag	tcttcatctc	aggcggaac	acctgttcag	60
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cagccgtact	acggtaaagc	cttcaccgcc	gccgacaccc	acagcatcgg	taaatcgatt	180
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agtttctttg	ctcgcgtggg	caaagcgctg	tggcagcttt	ttctggagca	ccattccggt	720
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<210> 1983

<211> 363

<212> DNA

<213> Enterobacter cloacae

<400> 1983

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tacaccggga	tcactaccga	tgtggcacgg	cgttttttac	aacatcaaac	ggggaaagg	180
gcgaaagcac	tgcgggggaa	aggtgaactt	cagttagcgt	tttcagccgc	cgtgggcgac	240
agatccctgg	cgctcaggct	ggaataccgc	atcaagcagt	tgacaaagcg	ccagaaagag	300
cgtctcgta	acggggacgg	ctctttcgag	gcgctactcg	aaagcctgct	taaaaacgat	360
tga						363

<210> 1984

<211> 1038

<212> DNA

<213> Enterobacter cloacae

<400> 1984

gccaggtggc	aaaggtgtgg	cgtcaggcca	tcgaccgctg	catggcgggac	ccgcaaaact	60
acgctccgca	ggcgcatgg	atggagacgc	tcggcgcgat	gtccgaaggc	acccaaacca	120
cgctcggcgc	gtatcacctg	aaatggcagt	gagataatca	tgaaatattc	attagggccg	180
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ccgctggata	ccggcgattt	cgccatgctg	gacgccttcc	gcgccaacga	aaatggcgct	960
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<210> 1985

<211> 1014

<212> DNA

<213> Enterobacter cloacae

<400> 1985

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cgcggtatc	accgctactg	gctggcgagg	caccacaata	tggtgggcat	cgccagcgcc	180
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ctgcgtgaaa	cccaggcgga	tgagattatg	gttaacggcc	agattttcga	tcaccaggcg	960
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<210> 1986

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 1986

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caggtgctgc	accagcgtag	cgacaagcac	caccgtcagc	aggccagccg	ccagacggat	180
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tgggttacc	atccagaagg	caagcgcgcc	gcccattcgac	acgcgctgtc	ggcgcatacc	300
cgccgccacc	ggtgcggcgc	agcaggaaca	catcatgccc	ggcagggaga	aaatcgtccc	360
cagcagcgtg	ccctgcaagc	gcggctgtcc	cagggttttc	accagccagt	tacgcgggat	420
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<210> 1987

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 1987

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accatcgaga	aagaagcggg	taaaaccgtg	aagggccata	aggcggaagc	cagcgtgacc	180
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ggccattcac	cggattccct	gcgcggagac	gagcgttttc	tcacctttac	ccgtgacttc	300
gtcggcaccg	gtaaacccgt	atctgccatt	tgccacggtc	cgcagctgct	gatcagcgcc	360
gaggtggtag	cggggcgtaa	gctcaccgcg	gttaagtcga	tcgttatcga	tctgaaaaac	420
gcgggagccg	agttctacga	tcaggaagtg	gtgaacgata	acgatcagct	gatcaccagc	480
cgtaaccgcg	acgatctgcc	ggcgtttaac	cgtgaagcgc	tacgcctgct	cggcgcgtaa	540

<210> 1988

<211> 1125

<212> DNA

<213> Enterobacter cloacae

<400> 1988

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gtcgcgcgcca	tgaaagaaga	tggcgtgaac	atctgggggg	acggtagcac	ctataaaggc	180
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<210> 1989

<211> 999
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1990
 <211> 321
 <212> DNA
 <213> Enterobacter cloacae

<400> 1990
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 cgccagaagg gagcggttcc ttatgcatac actgcgaacc tgggtcagcc ggacgaggaa 180
 gattatgacg cgatccctcg tcgtgccatg gaatatggcg cagagaacgc acgtctgatc 240
 gactgccgta agcagctggg ccccggaagg gattgccgcg atcccagtg cgtgctttcc 300
 ataacactac cggcggcctg a 321

<210> 1991
 <211> 474
 <212> DNA
 <213> Enterobacter cloacae

<400> 1991
 actgtaatcg ccatggcggc caggaagtct atcatattca tatgcatctg ctgggtggac 60
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 gcgctgatcg tgacgctggg aatgggtggg tgcagcgcgc gtcccggcat cccggtcagt 180
 gaagaacaga cgctggtgat ggagtcctca gtgcttgctg cgggcatac gcgagagaag 240
 ccttcgctga ccataagcga aatccagtct tcagcctctt ctacgctcta taacgaaagg 300
 caagagccag tgacggtgca ttatcgcttc tactggtatg acgtgagagg tcttgagatg 360
 caccgccttg aggcgcgcgc cagcgtgacc atcccagcaa gatcgctcgg cagcgtctac 420
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<210> 1992
 <211> 270
 <212> DNA
 <213> Enterobacter cloacae

<400> 1992
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 ggtaccatct ctgccactgc cgggactaac ctgggctctc tggaagatca gctggcgcaa 180
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ctgcacggta ccgcagttat ctacaaataa

270

<210> 1993

<211> 1269

<212> DNA

<213> Enterobacter cloacae

<400> 1993

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ggtatcgccc	tgggctggc	ggtgctgatt	gtgggcttaa	gcgccatgaa	cggttttgag	180
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<210> 1994

<211> 966

<212> DNA

<213> Enterobacter cloacae

<400> 1994

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ctacaatggg	aaaccgcgt	ccccacgccg	cgcgaaagct	acgatgaatt	tttaaccgcc	180
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gccagcggca	aaccgctgcg	ggccgatctc	tccgcgtccc	ttgaacgcga	cgtgcgctta	360
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<210> 1995

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 1995

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cagccaacaa	cgccagcgca	gcctgttcca	accgtgccgt	ctgtaccgac	cattccggcg	180
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<210> 1996

<211> 1068

<212> DNA

<213> Enterobacter cloacae

<400> 1996

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ggggggctga	ttcttttcac	ccgcaattat	catgatccgg	agcagttgct	tgagctggtt	180
cgccagatcc	gtgcggcgct	gcgcaatcac	ctggtggtgg	ccgtagacca	ggaaggtggg	240
cgtgtgcagc	gtttccgcga	agggtttacc	cgtttaccgg	ccgcgcaatc	ttttgctgct	300
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gagatgatcg	ccatggatat	cgacatcagc	ttcgccccgg	tgctggacgt	aggacacatt	420
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gcagacattc	gcgctaaaga	tatgtcggtt	ttccgctcgc	tgatcgctga	taacaagctg	660
gatgccatca	tgccctgcga	cgtcatctac	agtggagtcg	atccgcgtcc	ggccagcggc	720
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ggttcattta	gtcgtcagga	gctgatggac	tcggcgcgct	ggaaaacggg	aaacgcccgg	1020
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<210> 1997

<211> 1320

<212> DNA

<213> Enterobacter cloacae

<400> 1997

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<210> 1998

<211> 1944

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1064)

<400> 1998

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caactggcta	agcggatggg	gcgtcagctg	gaaatgcgcg	acggtcgtct	gaatgctgaa	1920
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<210> 1999

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 1999

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ccgacgcaca	tcttatttat	tcccaatatt	ctgatcccga	ccgttaatga	cgttaaaacc	180
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gggattgctg	aagacggata	ccgtttgatc	atgaactgta	atcgccatgg	cgggccaggaa	300
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aaaggtcttt aa

372

<210> 2000

<211> 864

<212> DNA

<213> Enterobacter cloacae

<400> 2000

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gaatatgccg	gagacggtga	cgtggcgctc	gaacttgctg	cggctctggat	gcctgatgag	660
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gaaatgcgcc	ttcagcagac	aggtgacaaa	caatttattg	cgtgggcaaa	tgatgcctgg	840
cgtcagttac	aaacgaaagg	ataa				864

<210> 2001

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2001

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cgtcatccga	agcatgacat	gcagcatctg	cttaaagaag	tggtataaat	gttgcagctc	180
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gcgctgaaca	gctcccgcgc	cgcgcagctt	ctgcaccatt	actacgaaat	tgtctgggac	480
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<210> 2002

<211> 612

<212> DNA

<213> Enterobacter cloacae

<400> 2002

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gaaaaaatgt	tgggctacga	cgtaacctac	aaaattggcg	atcagcaggg	caaaatccgc	540
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aacaaagtgt	aa					612

<210> 2003

<211> 900

<212> DNA

<213> *Enterobacter cloacae*

<400> 2003

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<210> 2004

<211> 279

<212> DNA

<213> *Enterobacter cloacae*

<400> 2004

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ggggtccgac	aggtgccaag	caccgaaggc	cagtgggaagc	tgctaaatct	gctgaaagag	180
cagctggagg	ctatgggggt	ggttgacgtc	acgtcagcgc	aaaaagcgac	cggtcttcac	240
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<210> 2005

<211> 1059

<212> DNA

<213> *Enterobacter cloacae*

<400> 2005

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ctgcgtaaac	tcggctattc	cggcaacacc	accgatccga	aagaaatcga	agcagcgtat	600
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<210> 2006

<211> 1155

<212> DNA

<213> *Enterobacter cloacae*

<400> 2006

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<210> 2007

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<400> 2007

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<210> 2008

<211> 807

<212> DNA

<213> Enterobacter cloacae

<400> 2008

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<210> 2009

<211> 3513

<212> DNA

<213> Enterobacter cloacae

<400> 2009

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<210> 2010

<211> 1020

<212> DNA

<213> Enterobacter cloacae

<400> 2010

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<210> 2011

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 2011

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<210> 2012

<211> 669

<212> DNA

<213> Enterobacter cloacae

<400> 2012

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<210> 2013

<211> 846

<212> DNA

<213> Enterobacter cloacae

<400> 2013

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<210> 2014

<211> 2742

<212> DNA

<213> Enterobacter cloacae

<400> 2014

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<210> 2015

<211> 1437

<212> DNA

<213> Enterobacter cloacae

<400> 2015

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<210> 2016

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 2016

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<210> 2017

<211> 1194

<212> DNA

<213> Enterobacter cloacae

<400> 2017

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<210> 2018

<211> 1797

<212> DNA

<213> Enterobacter cloacae

<400> 2018

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<210> 2019

<211> 453

<212> DNA

<213> Enterobacter cloacae

<400> 2019

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<210> 2020

<211> 1164

<212> DNA

<213> Enterobacter cloacae

<400> 2020

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<210> 2021

<211> 1089

<212> DNA

<213> Enterobacter cloacae

<400> 2021

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<210> 2022

<211> 1725

<212> DNA

<213> Enterobacter cloacae

<400> 2022

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<210> 2023

<211> 1725

<212> DNA

<213> Enterobacter cloacae

<400> 2023

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<210> 2024

<211> 3666

<212> DNA

<213> Enterobacter cloacae

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<211> 270

<212> DNA

<213> *Enterobacter cloacae*

<400> 2025

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<210> 2026

<211> 1269

<212> DNA

<213> Enterobacter cloacae

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<210> 2027

<211> 1032

<212> DNA

<213> Enterobacter cloacae

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<211> 660

<212> DNA

<213> Enterobacter cloacae

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<210> 2029

<211> 282

<212> DNA

<213> Enterobacter cloacae

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<210> 2030

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 2030

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<211> 520

<212> DNA

<213> Enterobacter cloacae

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<210> 2032
 <211> 912
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 2033
 <211> 2289
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 2034

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 2034

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<210> 2035

<211> 831

<212> DNA

<213> Enterobacter cloacae

<400> 2035

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<210> 2036

<211> 1515

<212> DNA

<213> Enterobacter cloacae

<400> 2036

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<210> 2037

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 2037

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<210> 2038

<211> 1638

<212> DNA

<213> Enterobacter cloacae

<400> 2038

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<210> 2039

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 2039

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aaaccgctgg	tcatcaacgg	tgcgtaccat	gagatccttt	ttgaaaagga	cgctatgcgc	180
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<210> 2040

<211> 1602

<212> DNA

<213> Enterobacter cloacae

<400> 2040

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<210> 2041
 <211> 771
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2041
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<210> 2042
 <211> 1677
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2042
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<210> 2043
 <211> 780
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2043

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acgatgattg	caacggacgt	tgcttcaccg	ttctttaccc	ccatcaagct	gaccttctgg	240
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gtgggggcat	ttgtttagag	tatgctgtta	acgccaccgg	acgtcttctc	gaaaacctta	660
ctggcgatac	cgatgtactg	cctggttgaa	gtcggcgat	tcttcgctcg	tttctacgtc	720
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<210> 2044

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 2044

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ctgagcagcc	tggaaacagat	tattttttaa	gatgtaccgc	cgacgggttac	cctgaatcaa	120
aagtccaatc	cttttagtga	atgtgagcgt	ttacgcaaag	gatcgggcct	gaaaacagat	180
gaattcgcaa	gagcgatggg	tgctcagcgt	gcaatgggtg	tggagtggga	gtcaaaacgt	240
gaaaaaccta	ccccagccga	gctaaagctg	atgcgcctga	tccaggcaaa	ccctgacctt	300
cgcaagcagt	tagcctga					318

<210> 2045

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 2045

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gcctgggtatt	tactgtattg	caaacgcggg	caacttcagc	gcgcgcagga	acatcttgaa	120
cgtcagtctg	ttaactgcct	gacacccgtg	atcacgcttg	aaaaaatgca	gcgtggaaga	180
cgcacgaccg	tcagtgaagc	tctgttcccc	aattacctgt	tcgtcgaatt	cgacccccgaa	240
gtgatccaca	ccacgacgat	cagtgccacg	cgcggcgctc	gccattttgt	gcgttttggc	300
gcccattccg	caagagtacc	gtcatcggtt	attcatcagc	tttctgtcta	ccagcagcct	360
gaagatatta	ccgatccgga	aacccttat	gccggcgaca	gcgtgggtgat	caccgaaggc	420
gcctttgaag	gcttacaggc	catcttcgct	gagccggacg	gtgaagcgcg	ctccatgctg	480
ctgctcaacc	tgctgaacaa	agaggtgttg	cagagcgtga	aaaacaccga	tttccgcaaa	540
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<210> 2046

<211> 861

<212> DNA

<213> Enterobacter cloacae

<400> 2046

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gaagaagcca	ttaccgcagg	cgagacctcc	attccctccc	agggagagaa	catgccagcg	180
taccacgcgc	ggccaaaatc	tgccgatggc	ccgctgccca	tcgtgatcgt	ggtgcaggaa	240
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ctggccggtt	cgccggaact	ctatttccgt	cagggcgatc	cgaatgatta	cagcgacatc	360
ccgacgctgt	tcagcaacct	ggtcagcaaa	gtgccggacg	cgcagggtact	ggccgatctc	420
gaccacgttg	ccagctgggc	ggcgcgcaac	ggtggcgacc	cgcaccgtct	gatggtgacc	480
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gcggccgctg	cctgggtacg	caaactgggt	ggcgaaaaga	ccctgaactc	gccgaaacat	600
ccggttgata	tcgccaccga	tttaaagtcc	ccggtgctag	ggctgtatgg	cggtcaggat	660

accggcattc	cgcttgatac	cgtcgagacc	atgcgccacg	cgctgcgggc	ggcaaacgcg	720
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agctatcacg	cggaatccgc	gaaagatggc	tggcagagaa	tgctggcgtg	gttcagccag	840
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<210> 2047

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 2047

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cgctgcgggc	ggcaaacgcg	aaggccgaaa	tcgtggtgta	cccggatgcg	ggacacgcgt	120
ttaatgccga	ttatcgtccg	agctatcacg	cggaatccgc	gaaagatggc	tggcagagaa	180
tgctggcgtg	gttcagccag	tacggcggga	agaaagcgta	ataccaaaag	cccgggtggcg	240
gctacgcca	ccgggcaatc	cagccccact	acgcctgacg	caaattctgc	gccgcctgca	300
ccatgttcgc	cagcgccgcg	cggttttcag	gccagccgcg	agttttcagg	ccgcagtcgc	360
ggtttaccca	cagacgttcc	gccgggatgc	gctgggccgc	tttttgca	agcgattcaa	420
tccactccac	gcttggcagc	ttag				444

<210> 2048

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 2048

aggactttca	tgatcgagat	taaacacctg	aaaacgctac	aagcggttgcg	gaactgcggt	60
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agcgatctgg	aacaacgcct	cggttttcgt	ctttttgtgc	gtaagagcca	gcctttgcgc	180
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cacagctgta	ttcagtggtc	gacccccgcg	cttgagaact	tccgccagaa	gtggccgcag	360
gtggagatgg	acttcaaata	cggcgtcacg	tttgatccgc	agccgtcgtc	tcagcagggt	420
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agcgcgagac	gacccagcgg	cgatgtaccc	acagcgaagc	caggatcacc	gttcccccaa	960
taa						963

<210> 2049

<211> 1506

<212> DNA

<213> Enterobacter cloacae

<400> 2049

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cgcgcgctct	atcttgcttt	gcgggaggcc	atactgtgcg	gaaggcttcg	ttccggcagc	180
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cagtttgcgc	cgggtatccg	acgtcttcag	gcgttaatta	cgcagcagtg	gggcgggaaa	1500
gggtaa						1506

<210> 2050

<211> 666

<212> DNA

<213> Enterobacter cloacae

<400> 2050

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gatctgtttg	gtgaaatctg	ggagctttca	gagtcagca	ttagcgatct	tgagagttag	240
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aactggcttt	ttgtcccgga	gtcgttcgat	ctcagatcag	aggcgcgcag	ctatgtcgac	600
atttttcttg	agatgtgcc	gctctgtccg	acccttcaaa	gtaagcatca	cccccgttct	660
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<210> 2051

<211> 618

<212> DNA

<213> Enterobacter cloacae

<400> 2051

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caggactatc	caaaacctgg	cattcttttc	cgcgatgtca	ccagcttgct	ggaagaccgg	180
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ttcgatctcg	gcggcgagca	gcgtctggaa	aaacagggtg	ttaccagcta	cagcctgggtg	600
ccattcccgg	gacattaa					618

<210> 2052

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 2052

cgtgaaagaa	gagagaagcc	tatgttttgg	ggaaaaggcg	gtctgggtgg	cctgatgaag	60
caggctcagc	agatgcagga	aaaaatgcag	aagatgcagg	aagagatcgc	tcagctggaa	120

gtcacgggtg	aatccgggtg	cggtctgggtc	aaggtgacca	tcaacgggtg	gcataactgc	180
cgtcgcgtgg	aaatcgaccc	gagcctgctc	gaagacgaca	aagagatgct	ggaagatctg	240
gttgcagccg	cgtttaacga	tgccgctcgc	cgatcgcacg	aaacccagaa	agagaaaatg	300
gcctctgttt	ccagcgggtat	gcaactgccg	ccgggcttta	agatgccatt	ctga	354

<210> 2053

<211> 1974

<212> DNA

<213> Enterobacter cloacae

<400> 2053

cattccccctc	cattaattca	ccttccagcg	ttgcagagcc	tgcccatgag	ttatcaggtg	60
ttagcccgta	aatggcgacc	acaaaccttt	gctgacgttg	tcggtcagga	acatgtgctg	120
acggccctgg	cgaacggctt	gtcgctaggt	cgcatccatc	acgcctatct	tttttccggc	180
accgcggcg	tcggtaaaac	ctctattgcc	cgctgctgg	caaaaggctc	gaactgcgaa	240
accgggatca	ccgccacccc	gtgcggcggtg	tgcgacaact	gtcgtgagat	cgagcagggg	300
cgttttgtcg	atctgattga	gatcgacgcc	gcctcgcgca	ccaaagtggg	agacacccgc	360
gatctgctcg	acaacgtgca	gtacgccccg	gcgcgcggcc	gcttcaaggt	ctatctgatc	420
gatgaagtgc	acatgctgtc	gcgccacagc	ttcaacgccc	tgctgaaaac	gctggaagag	480
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tatgaagaga	agctcgca	ggcgcgcgag	gcgataattg	cggataacaa	catccagacc	1920
ctgcgcgggt	acttcgacgc	cgatctggat	gaagagagta	ttcgcccat	ttga	1974

<210> 2054

<211> 1875

<212> DNA

<213> Enterobacter cloacae

<400> 2054

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<210> 2055

<211> 678

<212> DNA

<213> Enterobacter cloacae

<400> 2055

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tctactgggtg	acatgctgcg	tgccgctggt	aaatctggct	ccgagctggg	caaacaagct	180
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gagcgcattg	ctcaggaaga	ctgccgcaat	ggtttcctgc	tggacggctt	cccgcgcacc	300
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<210> 2056

<211> 1410

<212> DNA

<213> Enterobacter cloacae

<400> 2056

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<210> 2057

<211> 3483

<212> DNA

<213> Enterobacter cloacae

<400> 2057

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<210> 2058

<211> 405

<212> DNA

<213> Enterobacter cloacae

<400> 2058

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gtgaaaatga	tgtgggtgcg	cattctgctg	ctggcgatcc	tggttagcct	gctgctcttt	360
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<210> 2059

<211> 618

<212> DNA

<213> Enterobacter cloacae

<400> 2059

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gtcggcggtg	agctggagat	ggtcgacggc	accacgctgt	cgcactcgct	ggccggacgt	600
cacaagatta	ttttctga					618

<210> 2060

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 2060

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gccgtccaga	acaaagagtt	ctttatggag	gcgggcggaa	cgaaatacga	atacatctct	900
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<210> 2061

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 2061

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gccgcgctat	gcgtcataaa	gactgcatca	accgcgtgcg	tatcttctct	cacatcgcac	240
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<210> 2062

<211> 792

<212> DNA

<213> Enterobacter cloacae

<400> 2062

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atcccggcga	agaacgcgcc	cagcgcaaa	gagacgtcaa	acagctcgac	ggcgccaaag	180
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<210> 2063

<211> 312

<212> DNA

<213> Enterobacter cloacae

<400> 2063

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tcggcagaat	ga					312

<210> 2064

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 2064

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<210> 2065

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2065

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<210> 2066

<211> 189

<212> DNA

<213> Enterobacter cloacae

<400> 2066

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gtgcggcggg	attttgaggg	gaaacttccc	cctcaccttg	ccctctcccc	agaggggaga	180
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<210> 2067

<211> 1266

<212> DNA

<213> Enterobacter cloacae

<400> 2067

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gaagtgaat	ctgacgacaa	acaacaagcg	tcggccgctg	gccagtcaga	acaaaccaag	1260
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<210> 2068

<211> 201

<212> DNA

<213> Enterobacter cloacae

<400> 2068

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tcagcagagc	taatccggtt	agtctttcct	gttaaaatta	ttacaattac	taaggatgaat	180
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<210> 2069

<211> 573

<212> DNA

<213> Enterobacter cloacae

<400> 2069

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gcggttatcg	cttcgggcgc	ggtagtgaac	aaagacgtgc	cggccaatgc	tgtcgtgggc	540
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<210> 2070

<211> 278

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (15)

<400> 2070

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accacaccag	catcttctcg	gtctataaaa	tctgcgcttt	cctgccactt	ctggggatgt	240
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<210> 2071

<211> 3114

<212> DNA

<213> Enterobacter cloacae

<400> 2071

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<210> 2072

<211> 1740

<212> DNA

<213> Enterobacter cloacae

<400> 2072

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<210> 2073

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 2073

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<210> 2074

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 2074

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aatgaactgg	cggtatttta	ttcagctgcc	gaccatcgct	tggtgaact	aaccatgaat	180
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<210> 2075

<211> 477

<212> DNA

<213> Enterobacter cloacae

<400> 2075

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ctgcactcgc	cggctgtcga	agccgggcaa	aaagagaagt	tgcagaaaat	ggtcaccacc	420
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<210> 2076

<211> 744

<212> DNA

<213> Enterobacter cloacae

<400> 2076

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<210> 2077

<211> 798

<212> DNA

<213> Enterobacter cloacae

<400> 2077

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<210> 2078

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<400> 2078

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<210> 2079

<211> 1257

<212> DNA

<213> Enterobacter cloacae

<400> 2079

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<210> 2080

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 2080

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<210> 2081

<211> 1581

<212> DNA

<213> Enterobacter cloacae

<400> 2081

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<210> 2082

<211> 1194

<212> DNA

<213> Enterobacter cloacae

<400> 2082

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<210> 2083

<211> 1077

<212> DNA

<213> *Enterobacter cloacae*

<400> 2083

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<210> 2084

<211> 354

<212> DNA

<213> *Enterobacter cloacae*

<400> 2084

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<210> 2085

<211> 1761

<212> DNA

<213> *Enterobacter cloacae*

<400> 2085

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<210> 2086

<211> 1080

<212> DNA

<213> Enterobacter cloacae

<400> 2086

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<210> 2087

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 2087

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<210> 2088

<211> 717

<212> DNA

<213> Enterobacter cloacae

<400> 2088

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<210> 2089

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 2089

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<210> 2090

<211> 999

<212> DNA

<213> Enterobacter cloacae

<400> 2090

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<210> 2091

<211> 837

<212> DNA

<213> Enterobacter cloacae

<400> 2091

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<210> 2092

<211> 351

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (56)

<220>

<221> unsure

<222> (129)

<220>

<221> unsure

<222> (130)

<400> 2092

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gggctggann	gacggctggc	gcacaaaact	ctgctggggg	ttaccggttc	gggcaaaacc	180
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aaaacgctgg	cggggccact	gtatggtgag	atgaaagagt	tcttccccga	aaaacccggg	300
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<210> 2093

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 2093

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gctgtaaadc	agttttacgg	aagccaacat	acgctatgga	acgtgaatat	cgatttcccg	180
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gatcgtttct	gcattgctcta	tgcggggcgt	aacgtggcac	agggccacgt	taacgagctg	780
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<210> 2094

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 2094

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ctggcgtggg	acgatgtgcc	agcgggaacc	aaaagttttg	ttgtgacctg	ctacgatccg	180
gatgcgccaa	ccgggtcggg	ctgggtggcac	tggatcgtgg	caaacctgcc	cgccgacacg	240
cgcgatttac	cgcagggctc	cggttccgat	ctggttgctc	tgcctgacgg	tgcgattcag	300
acgcgcactg	actttggcaa	agcgggctac	ggcggcgcg	cgccgcaaaa	aggggaaacg	360
caccgctata	tcttcaccgt	gcacgcgctg	gatgttgaca	agattgaggt	cgacgaagg	420
gcgagcggcg	cgatggtagg	ctttaacgtg	catttccatt	cgctgggtag	cgcgctcgatt	480
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<210> 2095

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 2095

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cagggcgtta	cacacacctc	tattcaggga	gccgttgatg	ccgcaatcac	caaacacagc	180
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acggtggatg	ataaagacaa	cgtgcagcgt	aacctgaacg	acgctaactt	caaccgcatg	1080
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<210> 2096

<211> 1350

<212> DNA

<213> Enterobacter cloacae

<400> 2096

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ccgccgtaca	gcattttctgc	ggatcagctc	cgcaagctga	ccggggcagt	ggttgaagcc	1320
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<210> 2097

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 2097

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gcttgcag	caacaccacc	ggatcagcaa	ccttctgagc	aggttgctcc	gggcaccgct	180
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ttgatgccgc	aatcaccaaa	cacagcgcat	ctcgtcagta	cattgccatc	ctgccgggtg	420
aatacgaagg	aaccgtttat	gttccggcgg	caccgggaag	cattacactt	tacggcctgg	480
gcgaaaaagc	ggtcgacgta	a				501

<210> 2098

<211> 903

<212> DNA

<213> Enterobacter cloacae

<400> 2098

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acactgctta	cccctcagaa	aaccttgctc	ccctcttctc	ttgaggccct	caaacgagcc	180
caggaagcgg	ggtatcaact	tctcatcgta	acgggtcgac	atcacgtagc	cattcatcct	240
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gattatcagg	caaaaaaggt	tttagcctcc	gatccgcttc	ccgttacgca	ggcgtgcaa	360
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gtgtatgaac	gccctaccgg	ccatgtgatc	cgcaccagca	actgggctct	gtctctgccg	480
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aaacttgctg	agcatacgct	gggtctggaa	tgtgaatggt	cctggcacga	tcagggtggat	660
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gtggtgattg	gtgataacac	caccgacagc	atcgcgcagt	atatctatac	ccacctgctg	900
tga						903

<210> 2099

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2099

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gtcaacggcc	gtcgctgat	gccgggcgac	ccgaccacgt	cggcggcgga	tctgaactcc	420
atcccccgcg	cgctgatcaa	gcgggttgaa	gtgcttaccg	gcgggtgcac	gtccacctat	480

ggcgcgagcg cgggtggccgg cgctcgtggac ctcatgtctt cactccgagg gaggccgac 540
 ccccatata cgccc 555

<210> 2100

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 2100

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accggttaaca	accgttccca	cgcactgaac	gcgactaaac	gccgtttcct	gccgaacctg	120
cactctcacc	gtttctgggt	tgagagcgag	aagcgttttg	tcaccctgcg	cgtatctgct	180
aaaggtatgc	gtgtaatcga	taagaaaggc	atcgatacag	ttctgtccga	actgcgtgcc	240
ctggcgcaaa	agtactaa					258

<210> 2101

<211> 775

<212> DNA

<213> Enterobacter cloacae

<400> 2101

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ggaagtacag	acgcaacgat	atatattttg	cagagttatg	gattgtcggc	catattcaaa	180
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gaacttttca	ataaattaaa	cggatattcc	actcgcctgg	ttcaatatca	gacgatacgt	600
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agtggtgcct	ggcgtcaggg	caaagtgggt	gtggtgacag	ggttttatgc	cacggcgctac	720
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<210> 2102

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 2102

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ctgaaaaaat	tcgatccagt	tgtacgccag	cacgtactgt	acaaagaagc	taaaatcaaa	180
taa						183

<210> 2103

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 2103

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gttggcgcg	ctattcttca	tgctgtcggt	cgcaacgggc	gtctgcgctg	gccggtgtcc	180
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cgtaagggtg	agccgtgcag	agcctgcggg	acgccgatta	ttgccacgaa	gcacgctcag	840
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<210> 2104

<211> 1395

<212> DNA

<213> Enterobacter cloacae

<400> 2104

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agagatactg	cgtcatctcg	tcatgaacta	ttggtttggg	taatatgtgc	caaaatttgc	180
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<210> 2105

<211> 1038

<212> DNA

<213> Enterobacter cloacae

<400> 2105

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gaataccgcc	tgtcgttggc	gcgcgaatag	ggcgtcaccc	gcgcgggtga	tgtctcgaaa	660
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atggccgcgc	tgatccagtc	tgggtctggat	ctgtccccga	ttatcaactca	ccgtttctcc	960
atcgatgagt	tccagcaggg	ctttgacgcg	atgcgttccg	gccagtcagg	gaaagtgatc	1020

ctgagctggg ataaataa

1038

<210> 2106

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 2106

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tatggcctgg	ctgaaccgcg	acgcataagt	atgaaaattc	tggtgatcgg	cccgtcatgg	120
gtgggcgaca	tgatgatgtc	gcaaagtctc	tatcgcacgc	tcaaggcgcg	ttatccccag	180
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<210> 2107

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 2107

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<210> 2108

<211> 1113

<212> DNA

<213> Enterobacter cloacae

<400> 2108

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<210> 2109

<211> 1086

<212> DNA

<213> Enterobacter cloacae

<400> 2109

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<210> 2110

<211> 1047

<212> DNA

<213> Enterobacter cloacae

<400> 2110

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<210> 2111

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 2111

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<210> 2112

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 2112

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<210> 2113
 <211> 975
 <212> DNA
 <213> Enterobacter cloacae

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 attctggtgg tggacaacct gaaagacggc accaagttcg tgaacctggg ggatctgaac 180
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<210> 2114
 <211> 1218
 <212> DNA
 <213> Enterobacter cloacae

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 caaacaagc agcaataa 1218

<210> 2115
 <211> 1152
 <212> DNA
 <213> Enterobacter cloacae

<400> 2115

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<210> 2116

<211> 576

<212> DNA

<213> Enterobacter cloacae

<400> 2116

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accaggtatt	ccgcgaagca	gcccggacgg	ttcacgccc	cgccgacggt	gttgccggac	540
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<210> 2117

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 2117

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<210> 2118
 <211> 1161
 <212> DNA
 <213> Enterobacter cloacae

<400> 2118
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<210> 2119
 <211> 849
 <212> DNA
 <213> Enterobacter cloacae

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 gccgacctgc ttccggattg cctggcctct gttgcctggg ctgacgaaat cgtcattctc 180
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<210> 2120
 <211> 483
 <212> DNA
 <213> Enterobacter cloacae

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 ccgagcaaaa agccgatgtt cgacctgaac gaacgcgtgc agcttgccac cgatgcgatt 180
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ccctccaaag	agtggtcctt	catctcttct	tcgctgggtga	aagaggtggc	gcgccatcat	420
ggggacgtta	cccacttcct	gccggttaac	gtccaccagg	cgttgatgga	aaagctaaag	480
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<210> 2121

<211> 402

<212> DNA

<213> Enterobacter cloacae

<400> 2121

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<210> 2122

<211> 2907

<212> DNA

<213> Enterobacter cloacae

<400> 2122

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<210> 2123

<211> 1338

<212> DNA

<213> Enterobacter cloacae

<400> 2123

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<210> 2124

<211> 879

<212> DNA

<213> Enterobacter cloacae

<400> 2124

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<210> 2125

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 2125

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<210> 2126

<211> 579

<212> DNA

<213> Enterobacter cloacae

<400> 2126

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<210> 2127

<211> 1851

<212> DNA

<213> Enterobacter cloacae

<400> 2127

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<210> 2128

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 2128

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<210> 2129

<211> 2259

<212> DNA

<213> Enterobacter cloacae

<400> 2129

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<210> 2130

<211> 516

<212> DNA

<213> Enterobacter cloacae

<400> 2130

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<210> 2131

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 2131

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<210> 2132

<211> 3387

<212> DNA

<213> Enterobacter cloacae

<400> 2132

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<210> 2133

<211> 3549

<212> DNA

<213> Enterobacter cloacae

<400> 2133

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<210> 2134

<211> 1353

<212> DNA

<213> Enterobacter cloacae

<400> 2134

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<210> 2135

<211> 726

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (53)

<400> 2135

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gctatcttta	ttcgtttaca	gggatgcccg	gttggctgcg	cctgggtgtga	taccaaacat	180
acgtgggata	agctcgcaga	tcgggaagtg	tcgctgttca	gcattctggc	gaaaaccaa	240
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cagcgcgtga	tcgcgctaca	gcctatcagc	cagaaagacg	atgcgacccg	tctgtgcatt	660
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<210> 2136

<211> 1752

<212> DNA

<213> Enterobacter cloacae

<400> 2136

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ggtggcatca	tcaccaccaa	acagtggcag	gcgatcgata	agtttgccca	tgacaacacg	360
atttacggca	gcattcgtct	gaccaaccgt	cagaccttcc	agttccacgg	cattctgaag	420
aagaacgtca	agccgggttca	ccagatgctg	cactccgtgg	gtctggacgc	gctggcgacc	480

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<210> 2137

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 2137

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cacaccacgc	gtaaatggga	accgggaatg	gcggaagaag	agacgcgatt	ctttgggctg	720
aagcgcgagt	gcggattgca	cgaagggtga				750

<210> 2138

<211> 375

<212> DNA

<213> Enterobacter cloacae

<400> 2138

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ccgggcgaaa	cgttttatcg	cctggttccg	gatgcgtcta	aacgcaatca	gggctccgca	360
caaaacaatc	gataa					375

<210> 2139

<211> 558

<212> DNA

<213> Enterobacter cloacae

<400> 2139
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<210> 2140

<211> 843

<212> DNA

<213> Enterobacter cloacae

<400> 2140
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 ccaggtattc agacgctggc gaaacacctc cgcgaatttg cggatgtgca ggtcgtggct 180
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<210> 2141

<211> 199

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (86)

<220>

<221> unsure

<222> (157)

<400> 2141

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 cgccgtcgcc tgaacagct cgatttacat aagtttngtc ttcaaccgcc cagggcatgg 180
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<210> 2142

<211> 642

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (611)

<400> 2142

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gcgctggaaa	acgaaccgct	gcacagcccc	tttattatgt	cgcgaaatggc	gctggcggcg	180
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gcggagaccg	cgggccattc	gctaccggaa	aatgactgcg	cgtttttgaa	agagttgcgt	600
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<210> 2143

<211> 1812

<212> DNA

<213> Enterobacter cloacae

<400> 2143

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<210> 2144

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 2144

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caccgtgggg	ttgtgctgtg	gtttaccggg	ctgtctggct	ccggtaaatc	cacggtggca	180
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<210> 2145

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 2145

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cgcgctgata	atataaaagt	gacgcgcccc	gaagacttac	agctcgcgga	attttatctt	780
accggtacga	cccctcagga	gaaggcataa				810

<210> 2146

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 2146

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cggtcacg	tgaagacgg	tagcaaagtc	aatgaatctg	cactgaaagc	gaccgctgcg	180
cgcggcgtca	tcgtgcgcgg	taacgggggt	caggtcatct	atggcccgca	cgtcaccatt	240
atcaaaaacg	aagtggaaga	gatcttatcg	taa			273

<210> 2147

<211> 2397

<212> DNA

<213> Enterobacter cloacae

<400> 2147

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acgttgctct	ggatgctgga	agggcgggca	gagctgaaca	ccgatgcggg	acgtgacacc	180
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<210> 2148

<211> 1443

<212> DNA

<213> Enterobacter cloacae

<400> 2148

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cgaccgggat	tggttgtcgg	gacgggtgaa	attgccgatc	gcaaaatcgc	cttcctgcaa	180
cgcgcggggg	cgcaggtgca	gatcgttgca	gaggcggatt	ttgcagagtc	acagatcgac	240
agcgtggtac	tgggtgattg	ggcaaccgaa	gatcggcgcc	tcaacagccg	aatctccgac	300
gcagcccagg	cccgtcaccc	cctggtgaac	gtggtagacg	accagccggt	atgttcattt	360
atcttcccgt	cgattgtcga	ccgctcgccg	ctgctggtgg	cgatctcctc	cggcggcacc	420
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gacgccccaa	tgcccgcctt	gattgtgggt	ggagaagtgg	tcagctgca	cagcacgctc	1380
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taa						1443

<210> 2149
 <211> 918
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2149
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 aaagattcca gcgtcatgct gcacctggcg cgtaaagcgt tttatccggg tacgctgccc 180
 ttcccgtgc tgcacgtgga taccggctgg aaattccggc agatgtacga gtttcgtgac 240
 cgtaccgcca aagcctacgg ctgcgagctg ctgggtgcaca aaaaccggga aggggtggcg 300
 atgggtatca acccggttcgt gcacggcagc gccaaagcata ccgacatcat gaaaaccgaa 360
 gggctgaagc aggcgctgaa taaatacggg tttgatgcgg ccttcggcgg cgcgcgccgt 420
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 tgggaccgga aaaaccagcg tccggagctg tggcacaact acaacggcca gatcaacaag 540
 ggcgaaagca ttcgcgtctt cccgctctcc aactggaccg agctggatat ctggcagtat 600
 atctatctgg aaaatattga gatcgttccg ctgtatctgg cggccgagcg cccggtgctg 660
 gagcgcgacg gcatgctgat gatgatcgac gacgatcgca ttgatttaca gccgggcgaa 720
 gtgatcaaaa aacagatggg ccgtttccgt actctcggct gctggccggt gaccggcgcg 780
 gtggaatcca gtgcgcagac gctgccggag atcatcgagg agatgctggg gtcgactacc 840
 agtgagcgac aggggcgcgt gattgaccgc gaccaggcag gctccatgga gctgaagaaa 900
 cgtcagggtt atttctaa 918

<210> 2150
 <211> 1434
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2150
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 gacgggaaaa gtaccctgat aggacgtctg ctgcacgaca cgcgccagat ctacgaagat 180
 cagctctctt ccctgcacaa tgacagtaaa cgccacggca cccaggggcga aaaactcgac 240
 ctggcgctgc tggtagacgg cttgcaggcg gagcgcgagc agggcattac cattgatgtc 300
 gcctatcgct acttctctac cgaaaagcgc aaatttatta tcgcccacac cccggggcac 360
 gagcagtaca ctcgtaacat ggcgaccggc gcgtccacct gtgatctggc gatcctgctg 420
 atcgacgccc gtaaaggtgt gctggatcag actcgtcgtc acagctttat ctctacgctg 480
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 ctcgatatcc gctttgtgcc gctgtcggcg ctggaagggg ataacgtcgc ctctcagagc 660
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 cagcgcgtgg ttgataccca gccgatgcgc ttcccggctg agtacgtgaa ccgtccgaac 780
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 gatctggacg aagccggagc aggtgaagcg gtaaccctgg tactgaaaga cgaaattgat 960
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 aacaacctga cccaccgtga cgtgagcgag ctgcccgtca acggcatcgg tcttgtggat 1200
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 aacgcgcagg ctgccgtggc ctctgagttc agcgcgtttg agctggagct taacgcgctg 1380
 gtgcgtaagc acttcccgc ca tgggggcgca cgcgatctgc tgggaggcaa gtga 1434

<210> 2151
 <211> 348
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2151
 gtcacggtca caggattagc tatgcgcaac agtgaaaact acatgattac caccgggtcg 60

gaaccggttaa	cgaccgacga	cgagacgacc	tggtccttcc	ctggggcgat	agtcggcttc	120
gtatcgtggc	tactggcgct	gggtatccc	ttttgatct	acggtggtaa	cacctcttt	180
ttcttctct	atacctggcc	tttcttttg	gcgctgatgc	ccgttgcggt	ggttggtggc	240
gtggcgctgc	actccctttt	caacggcaag	ctcctgtata	gtacgctcat	cactatcgcc	300
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<210> 2152

<211> 1080

<212> DNA

<213> Enterobacter cloacae

<400> 2152

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gaagatctcg	gttttgagcc	ggacggcgaa	ggcgagcaca	tcctggtgcg	cattctgaaa	180
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gcccgcgtgc	ccggcaatgc	catgcccgat	ttaagcaaat	ttgagcttga	gggctgtaag	360
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aacctgcttg	gcgcgctgcg	ctgggcgcaa	agcgggtgcac	cggtgcgcga	tcgtaataaa	600
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cgggaaaagg	tcgaggcggc	gcgcccgtgc	atgctcctct	acccgcaaca	gctgagctgg	960
aactggtggg	atgacgtaac	cgctcgagtt	cgcttctggc	tgccggcgag	tagctttgcc	1020
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<210> 2153

<211> 363

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (348)

<400> 2153

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cttgcccagg	ttccccgtga	gaagtttgta	gatgaggcgt	ttgaacacaa	agcgtgggaa	180
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gggtatcaga	ccgcgatcct	ggccccacct	gtgcaccatg	tctgttcncg	tggaaacggat	360
taa						363

<210> 2154

<211> 1053

<212> DNA

<213> Enterobacter cloacae

<400> 2154

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cggcatattg	cgacggtctt	tccgggcccgt	atgaccggaa	cccagccga	gatgctctcg	180
gcagactata	ttcgtcagca	gtttgcggat	atgggctatg	aaagcgacat	tcgcgctttc	240
cacagccgct	acatctatac	cactcgcaat	aaaacgcaaa	actggcataa	cgtaactggc	300
agcacggtta	ttgcggcgca	cgaaggaaa	acggctgagc	agattattat	tatggcgcac	360

cttgatacct	acacgccgtt	gagcgatgcc	gatgtcgata	ataatctcgg	cgggctgacg	420
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ctgaagaata	ttccgacgaa	atacagcatt	cgctttgttg	cgaccagcgg	cgaagaagaa	540
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gcgctgccgc	agcggattga	gcaccgcagc	cgggatgtcg	tgaaagtgat	gctgccgctg	1020
gtgaaggagc	tggcgaaagc	ggggaaagcc	tga			1053

<210> 2155

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 2155

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tcaggcagta	cgatcgatcat	agactcgaaa	ttatcatcgt	ttggcagaaa	aaggataaca	120
aaaatgacac	atccaattat	cgaagctctg	cgtggcaacg	aagctcgggt	cactgaatta	180
cggcgctatt	ttcatcagca	tactgaaatt	ggttttgagg	agcacaatac	gagcgatcgc	240
gttgccagcgc	tgcttcagga	atggggatag	gaggttcacg	gcgggctggc	gaaaaccggt	300
gtggtcggca	cactgaaggt	gggtaacggg	cataaacgcc	tgggcctgcg	cgccgatatg	360
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atggtacata	acccgggtta	cgactttaac	gacaacattc	tcctcacccg	cgcggcgctg	1260
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<210> 2156

<211> 1425

<212> DNA

<213> Enterobacter cloacae

<400> 2156

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tacgccggta	acgatcggtt	gctggcggtt	atcgatcatga	gcgttctgac	attctggctg	120
tttgcccagt	cggttatcaa	cgtgggttccg	gccatgcaga	atagcctcga	tattgccctc	180
gaaaccctta	cgctggccgt	cagccttagc	gcgttggtca	gcggctgttt	tgctcgccgc	240
tgccggtggg	ttgccgataa	gtatgggcgc	atgcgcctga	ccatgattgg	cctgatactg	300
agcatgatcg	ggagtgggtt	gctgttcatt	tcatgggagc	ccgtcctgtt	tctgttgagg	360
agagcgatac	aggggctatc	agcggcctgc	atcatgcccg	ccacgctggc	gctgattaag	420
acctggtatg	acggtaaagc	acgccagcgc	gccatcagct	tttgggttat	cggctcctgg	480
ggcggcagtg	gcctgagctc	gtttgtggga	ggcgccatcg	ccaccacgct	gggctggcgc	540
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acggccagt	ccgcgcagta	tgccttgctt	ttcaacagt	cgatttgctt	tgggtcggca	1380
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<210> 2157

<211> 534

<212> DNA

<213> Enterobacter cloacae

<400> 2157

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tgtgctttcc	ggtactatgc	ggcgggtttt	tccgcattcc	tgagagctat	gatgtccacc	180
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cacaaatgtg	gccgcctgca	tggacactcg	tttatggtgc	gtcttgaaat	caccggtgaa	300
gtcgatcccc	atacgggctg	gatcatggac	tttgccgaac	tgaaggccgc	gtttaagccg	360
acctacgata	gtctcgatca	ctactatctg	aatgatattc	cgggccttga	aaacccgacc	420
agcgaggtgc	tggcgaaatg	gatttgggat	cagatgaaac	cgctgggtgcc	gctgctgagt	480
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<210> 2158

<211> 324

<212> DNA

<213> Enterobacter cloacae

<400> 2158

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gtgctgattt	acgcctttat	ttatgaaggt	gttcccagct	gggacaagac	tgatggtgtg	120
gtcaccattc	atgtgccgga	tcaaccgccc	attgagaccc	gcctgaccga	aggtgaaaac	180
cgtcgcacat	tgtgcgccat	tgccagactc	gtaaacgaaa	acggcgcaat	taaagtcgag	240
cgaattaacc	agtacttcaa	aggccaggac	gaaatggacc	gggcatttgg	ctggggattt	300
cgctggagcg	ccggttctaa	ataa				324

<210> 2159

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 2159

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gtcactcaac	agacatactc	tcgtctggaa	gccaaacctg	ccagtgcgag	cattgaacgg	180
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tcagagagga	agcagacgga	agacatatat	aaattaaatt	cacctgcacc	acaggaggat	300
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<210> 2160

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 2160

gaagagatca	agatgagaga	gccaagacca	cgccatacct	tcgaggtcat	tcgtgtacct	60
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tctctggagg	ttcaggacct	ggggctgacc	agctttgata	gctggcttga	cgagcacggg	120
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aagctggaag	cagaaggtta	tgcacctgcy	gtcatcgagc	aaatgaccac	aggcgagca	360
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cggtacaatc	cgtctaattg	catcctgatg	actccaacaa	tgcattgcyg	gtttgatgcc	660
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ggcgagctgt	ttgaaggccg	taaaatcaca	ccgctggtgt	acgatctgga	cttagagcgg	780
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<210> 2161

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 2161

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ggcagtgagc	tcattcgctg	cgcggaagt	gacgaacagt	ggggatacgt	cggggctaaa	180
tcgcgccagc	gctggctgtt	ttacgcgtat	gacaggctcc	ggaagacggt	tgttgccgac	240
gtattcggtg	aacgcactat	ggcgacgctg	ggcgctctta	tgagcctgct	gtcacccttt	300
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ctgcacgtaa	tcagcaagcg	atatacgag	cgaattgagc	ggcataacct	gaatctgagg	420
cagcacctgg	cacggctggg	acggaagtcg	ctgtcgttct	caaaatcggt	ggagctgcat	480
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<210> 2162

<211> 588

<212> DNA

<213> Enterobacter cloacae

<400> 2162

acgaaaacgg	cgcaattaaa	gtcgagcgaa	ttaaccagta	cttcaaaggc	caggacgaaa	60
tggaccgggc	atttggctgg	ggatttcgct	ggagcgccgy	ttctaaataa	cacagcaaca	120
aaggaaacag	gtatgagctt	tttcgacaaa	gttaaagggt	ccattaaact	aggccgtgac	180
gaactgacct	gccagggttg	ccgtttcaaa	aacaaaaaat	tcattgcagg	caccgttgct	240
gtatgtgccc	gtattgccgt	atcgagtgc	ggcgtaagtt	cggaagaaaa	gcagaaaatg	300
atgggctttc	tgcgctcttc	agaagagctg	aaggctcttc	ataccaatga	ggtgattgag	360
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ggtattgccg	ttgcgaaaag	tgacggtaac	ttcgatcagg	acgagaaact	ggcctccgc	540
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<210> 2163

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 2163

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gttgctatgg	ttggcctagg	ctgggatgcc	cgtgtaaccg	atggtcaggg	ttttgacctg	180
gacgcttccg	tgcttcgagt	aggcgaagac	ggtaaaagt	tgctcagatgc	gcatttcatt	240
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atcaaaaaac	tgggtgtttg	cgttaccatc	tatgatgcag	aagcgcgtaa	acaaaacttc	420
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cgtttcgata	tgtctgaaga	tgcctcaacc	gaaaccgcta	tggtcttcgg	tgaactgtat	540
cgatcatggcg	ctgagtgga	gtttaaagct	gtcggtcagg	gctttgccgg	tggcctggcg	600
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<210> 2164

<211> 1263

<212> DNA

<213> Enterobacter cloacae

<400> 2164

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acctgcctgt	tccctgcttaa	tgctcagggg	aaggtcagcg	gcgattctga	ctttatcttt	180
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gataatctac	tggagaagaatt	cagaccgtgg	atcgatgaaa	caaaaagggt	aggcatcctt	1260
taa						1263

<210> 2165

<211> 1359

<212> DNA

<213> Enterobacter cloacae

<400> 2165

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cgtgttagcg	ggcttcttcc	ggaccagttc	ccccagcagc	ttgcggaaag	tatttttgat	1320

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1359

<210> 2166

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 2166

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gatatggcca	tgaatggcgt	tggatgccgg	gcaaccgccc	gcattatggg	cggtggcctc	240
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<210> 2167

<211> 1044

<212> DNA

<213> Enterobacter cloacae

<400> 2167

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<210> 2168

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 2168

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<210> 2169

<211> 234

<212> DNA

<213> Enterobacter cloacae

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 ccgccggaca tcagcgctat ctctgctctc actgccgtaa aacatggcaa ctgcagttca 180
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<210> 2170

<211> 2043

<212> DNA

<213> Enterobacter cloacae

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<210> 2171

<211> 2448

<212> DNA

<213> Enterobacter cloacae

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<210> 2172

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<400> 2172

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<210> 2173
 <211> 297
 <212> DNA
 <213> Enterobacter cloacae

<400> 2173
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 ttgctgatta cgtgcagctt tcccttcagg cgggattcat acagcggcca gccatccgctc 180
 atccatatca ccacgtcaaa ggggtgacagc aggtcctata gacgccccag cgctcgccata 240
 gtgcggttcac cgaatacgtg cgcaacaacc gtcttcgga gacctgtcata cgcgtaa 297

<210> 2174
 <211> 1083
 <212> DNA
 <213> Enterobacter cloacae

<400> 2174
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 caatacgtt acgcgctaga cggcgagggc accctcacgc acattggcgc tgccctgcgc 180
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 aaggcaaaga tcgttcccta caccgaggcc cgtcagtgcg ccaattacaa gggttaaggca 1080
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<210> 2175
 <211> 2628
 <212> DNA
 <213> Enterobacter cloacae

<400> 2175
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 gatgccatca atcaattgcg cgtggatcgc gcgcttgctg ccatgggccc tgctttccag 180
 caggtatata gtcttctgcc gacattgttg cactatcacc atccgctaata gccgggttac 240
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<210> 2176

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 2176

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<210> 2177

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 2177

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cgtaccgagc	aggagtcgct	ggcgtttgtg	cagaactacc	atcctgcgct	gaaaacgatg	180
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gaaaatgccg	atctgatgac	tacgccggat	agccgtcttc	tgccgcacgt	ggaaatttca	720
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<210> 2178

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 2178

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ggagtcccgg	tcattgttgg	cgcatttcaa	ctcgaaaata	accgactgac	tcggcttgaa	120
gccgaagagt	cacagcccct	cattgatgcc	gtatgggtgg	atctggtcga	gccggacgac	180
gatgagcgcc	ttcgcgtaca	atctgaactg	gggcaaagcc	tgccgacacg	cccggaaactg	240
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<210> 2179

<211> 924

<212> DNA

<213> Enterobacter cloacae

<400> 2179

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<210> 2180

<211> 1896

<212> DNA

<213> Enterobacter cloacae

<400> 2180
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<210> 2181
<211> 471
<212> DNA
<213> Enterobacter cloacae

<400> 2181
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gagtttatgg gcgtcgggga aatcccggta cgcttcgttc gtttccgtga tgaaaaaat 180
gaccgggtga ttgtggtctg ccccgggcgc atcgaaagct atatcaaata tgccgagctg 240
gcgtatgacc tgttccatct gggttttgat gtgttaatta tcgaccatcg cgggcagggg 300
ctttccggcc ggatgttacc ggatacccat cgcgccacg tggataactt cagcgattac 360
gtcgacgatc tggccgcggt ctggcagcag gaagtgcagc ccggaccgtg gcgcaagcgt 420
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<210> 2182
<211> 459
<212> DNA
<213> Enterobacter cloacae

<400> 2182
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ggtttttatc ctgtttttcg tgatggcggc agtataacgc taaataattc ccgttgacag 180
aaagcggcaa actcttgctt ttgtgtcttc tcctgcgatg atagaaacag atttgaactt 240
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ccaccgccga	caaaaccggt	gcaaagtgg	atcgagtc	ctacgccgga	taccaacgat	420
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<210> 2183

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 2183

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gacgacgtaa	accgcctgct	ggatatcgat	cttaacgata	cgctggccgt	gcgcgaccgc	420
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cacttagact	tccaacacct	tgcctcggtg	tatgacgcgg	cgcatccacg	cgccaaacgg	900
gggaaataa						909

<210> 2184

<211> 2217

<212> DNA

<213> Enterobacter cloacae

<400> 2184

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atcgccctgg	tacagagcgt	ggagaactgt	tcgccgtact	cgattatggc	cgtagcgttc	240
accaacaagg	cagcggcgga	gatgcgccac	cgtatcgcac	agctgatggg	caccagccag	300
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ctgaaacgcc	tgatcaaggc	gatgaatctc	gacgagaagc	agtggccggc	gcgtcaggcg	480
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gaaggcacca	tcgtcaacct	ggaaggcagc	ggcgagcaca	gccgtttgca	ggtagcgttc	2160
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<210> 2185

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 2185

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cgcggagcgc	tgaagaaaga	agagagcaag	ccggaagagc	caaagggtga	gctggcaacg	360
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tttgccctac	cggcgatgcg	tgcgggctac	cagcgcatcg	cgaagtggat	cgcgcgcttc	600
gccggcgcg	tgttcgcgcg	cttcggcatt	catctcatca	tttctcgcta	a	651

<210> 2186

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 2186

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cgcgtcgtcg	aacggatgcg	cgtgcgcgat	ccggttcgcg	agaccgtgtc	gctggttgaa	180
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tga						723

<210> 2187

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 2187

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aatcacggct	atcgcggcgc	ggtggcgctca	atcgccgggt	tacagaccgg	gcttggcatt	180
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gaggtgctga	aattgggctgg	cgcagcgtat	cttatctggc	tgggtattca	gcagtggcgc	300
gccgcaggct	cgattgatct	gcatacgcct	tcccgacgc	aaacacgcgg	ccacctgttt	360
aaacgcgcgg	tgttcgttaa	cctgaccaac	ccgaaaagca	tcgtgttct	cgcgcgcctg	420

ttccccgagc	ttatcggtgc	gcatcagcca	caggtgatgc	agtacgtggt	gctgggcgca	480
accaccatta	ttgtcgatat	cattgtgatg	attgggttac	cgacgctggc	gcagcgaatt	540
gcggcggtga	tcaaagggcc	taagcagatg	aaggccctga	acaaagtgtt	tgggtcgctg	600
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<210> 2188

<211> 1254

<212> DNA

<213> Enterobacter cloacae

<400> 2188

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acgtcacagc	cagagacgac	agacacaacc	gttgagaaga	aaaacggcag	caataaaacc	180
agcctcacgc	tgagcggtat	tgccatcgcg	attgcgctgg	ccgcaggcgt	gggtctctac	240
ggactggtga	agaaacaagg	caccaaccag	acggccacca	gcgacgcgct	ggttaaccaa	300
atcactgccc	tacagaaagc	gcaggagacg	caaaaagctg	agctggaagg	tgtgatcaaa	360
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<210> 2189

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2189

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aagctcggtg	gcgagatttt	tgtgtaccac	atgccgttca	accgtgcaat	gggtcttgag	180
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<210> 2190

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 2190

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<210> 2191

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 2191

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<210> 2192

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 2192

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agcgatatcg	attgtgaaat	caacggcggg	atcctgacct	taagcttcga	aaacggcgac	180
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<210> 2193

<211> 966

<212> DNA

<213> Enterobacter cloacae

<400> 2193

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ggattacgcg	ttgagctggt	gccaatgggt	acgcgtggcg	atgtcatact	ggatacgccg	180
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cgcggtgaac	gtcgcggcaa	accgcaagat	gccgaggcgc	ttggcgatc	gctggcggaa	900
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gcatga						966

<210> 2194

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 2194

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gataactaca	acatcgaaac	cagcgtaaca	gggctggtga	ttatcctgat	cctgggtgtg	180
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<210> 2195

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 2195

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<210> 2196

<211> 3081

<212> DNA

<213> Enterobacter cloacae

<400> 2196

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 <212> DNA
 <213> Enterobacter cloacae

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 <211> 2013
 <212> DNA
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<210> 2200

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 2200

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<210> 2201

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<400> 2201

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<210> 2202

<211> 2424

<212> DNA

<213> Enterobacter cloacae

<400> 2202

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<210> 2203
 <211> 1434
 <212> DNA
 <213> Enterobacter cloacae

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 gccttctcta ttttgtgtct ggtattcggg ttgccgttag gcgtagccgc gctgtttact 180
 ggcgaaactga ttctggactt tgtctttttc tggccgctgt ttatgtccgt gctctgggta 240
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<210> 2204
 <211> 537
 <212> DNA
 <213> Enterobacter cloacae

<400> 2204
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 ggctttgatc agctcctgct cggcgctttc ggtaatgggt aagtactggc agggatcgtt 120
 gttgataacg tggccgttgg cgcgaacgta cgctgttgc agggcgctgt tttcattgag 180
 ccatTTTTCCG tcgaactggc ggttgttctt caaccgcgcg ccgctgattt tcagcagttc 240
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<210> 2205
 <211> 981
 <212> DNA
 <213> Enterobacter cloacae

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 gataacacct atcagccacc gaaagtgtgg gaatggaaac agaataacgg cggcgcgctt 180
 gccaatatca accgtcccgt ctcgggcgcg acgcacgaga aagagctacc tgtgggcgcg 240
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 gaagagctgc tggcgctggg cgtgacgggc gcggaatacg acgcatgggt gatccgcatt 360
 ggcgagggcg atcagttctc cagcggtttt gtcgacgtga acccgaactc gaagatcccc 420
 gccctgctg accactccac caccgccgcg acgcgcgtct ttgaatccgg caatattcctg 480

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gcaaaagatg	tggcgaatcg	tccggccgtg	aaacgcgggc	gcattgttaa	ccgtaccaac	900
ggcgagctga	acgagcagtt	gcatgagcgt	cattcagcaa	gcgacttcga	taccagacg	960
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<210> 2206

<211> 281

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(180)

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<221>unsure

<222>(191)

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<221>unsure

<222>(194)

<220>

<221>unsure

<222>(199)

<400> 2206

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tcaccggcgg	caagaaagac	accaccgtct	tcttcgcgc	ggataaaacc	gtcgattatn	180
gaaaaaccca	nttnggggna	atgaaggtaa	tggacacgct	gcatcaggcg	ggctacctga	240
agattggtct	ggtcggcgaa	gagaaagcgg	ccgcgaagta	a		281

<210> 2207

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 2207

cagaagcagc	gagttataca	gcgccagaga	ctggccgctt	tgcgtcagcg	tggagagcgc	60
gccagcggta	ttccactggg	tgctgctttg	ggccacggtc	tggaaaatgc	ccggcttgcc	120
gctgcccggg	ttttcacctc	cggggttttc	accaccagga	ttctcaccgc	caggattttc	180
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gccaccggtc	tctttctgcg	cgatggtcag	atcgacggca	ttggtgcttt	gcttaagcgc	360
cacgtcgagg	aaggcggatt	tggagatcgc	gccggcgaac	tcaccgtcaa	ttccccgcgc	420
ggaggtcaaa	atgcggtagc	tttgcccgtg	tttatagctg	gtttgcggat	ccagcgcggg	480
gacctgtacc	ttagcctgat	tgctgatggt	ggttttgccc	gataaccagta	g	531

<210> 2208

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 2208

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aaggccaata	atgagaagtt	aagtaaattt	aacttaacgc	cgcgacaaat	agacgtgtta	480
aatatgatta	ggcgcgccct	gccaaataaa	cgaatcgccg	cacagctttc	aatttctgag	540
cccacggtca	aagaacacat	cagcaatata	ttgaaaaaga	taggcgttaa	cagccgggtt	600
gaagccatca	cgcttctgca	tggcaagcag	gaaccgtcgg	aatga		645

<210> 2209

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 2209

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gcaatgtatg	cctctcgctg	gctgctcgca	cccgtctatt	ttggtctctc	cctggcgctg	120
gtcgccctga	cgattaagtt	ctttcaggag	atattccacg	tcctgccaaa	cattttctcc	180
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gccgagcaca	aagaaaagct	cagctggctg	gggaaaatgg	acgcctcatc	gctgaagaat	360
aaagtcgcgg	cgtcgattgt	tgcaatttcg	tctattcacc	tgttacgcgt	ctttatggac	420
gcgaaaaacg	tcccggataa	taagctgatg	tggtatgtga	ttatccacct	gacgtttgtg	480
ctgtcggcgt	ttgtgatggg	gtatctggat	aagatcagta	agaaataa		528

<210> 2210

<211> 1677

<212> DNA

<213> Enterobacter cloacae

<400> 2210

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gaatactcaa	tgaagatgct	tcgtaatttc	accatccgtt	tcgtcatgct	gacgatactg	180
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ggcaacgatc	agtatttccg	tttcgtcacc	cgctcagacc	gggcaatgga	agttaaagcg	360
gcgggcggca	cgccggacct	ggctcctgct	cagcaggcgc	tgataaacat	gagtaaaaag	420
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<210> 2211
 <211> 1872
 <212> DNA
 <213> Enterobacter cloacae

<400> 2211
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 aaggataact aa 1872

<210> 2212
 <211> 390
 <212> DNA
 <213> Enterobacter cloacae

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 gcggttaagc aggttgtaag acggctggtg gatcaaaagc gggatcttcc actcgcgag 180
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<210> 2213
 <211> 1062
 <212> DNA
 <213> Enterobacter cloacae

<400> 2213
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cccaccaccg	agctgtaccc	gatgtcaaaa	atcaacgaag	cgatccagca	cgtgcgcgac	1020
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<210> 2214

<211> 2880

<212> DNA

<213> Enterobacter cloacae

<400> 2214

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<210> 2215

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 2215

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<210> 2216

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 2216

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<210> 2217

<211> 1572

<212> DNA

<213> Enterobacter cloacae

<400> 2217

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<210> 2218

<211> 4503

<212> DNA

<213> Enterobacter cloacae

<400> 2218

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<210> 2219

<211> 1428

<212> DNA

<213> Enterobacter cloacae

<400> 2219

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<210> 2220

<211> 1665

<212> DNA

<213> Enterobacter cloacae

<400> 2220

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<210> 2221

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 2221

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gcgagtcgtg	tgaaccgcgc	gaagcagtat	ctggcctatt	tccaggccta	taccagcacg	360
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<210> 2222

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 2222

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<210> 2223

<211> 675

<212> DNA

<213> Enterobacter cloacae

<400> 2223

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accgcgccag	ttgcgtttta	aaacctgggtc	attccgatgg	cggtttctgc	tgcgattcag	600
gataccaata	cgtggtctat	tactgatgat	accaacatgg	atggtcaggc	aacgtttacc	660
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<210> 2224

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 2224

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gcgaatgatg	ttcgtaaagc	gattggcgaa	gccaaagatg	aagatactgc	tgatatcttc	480
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<210> 2225

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 2225

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<210> 2226

<211> 2328

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1615)

<400> 2226

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<210> 2227

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 2227

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cttgatgacc	ttcagaacaa	gctggccgaa	aaagcgcgtc	aggaaggggc	taaaggcttc	240
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<210> 2228

<211> 2583

<212> DNA

<213> Enterobacter cloacae

<400> 2228

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<210> 2229

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 2229

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<210> 2230

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 2230

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1224

<210> 2231

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 2231

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gcggtgtctt	cgcaggctgc	cgacaaactg	gttgtggcga	cggacacggc	gttcgtaccg	180
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gcactgcaaa	ccaaaaacgt	tgacctggcg	ctggcaggca	tcaccattac	cgaagagcgt	360
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<210> 2232

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 2232

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ctgccgatgg	ccttcaccga	cctgcgcatt	gacccgttca	gcgccgccgt	tgtcaccatc	360
atgatcaact	ccggcgcccta	cattgcgga	attaccgcg	gtgcggtgct	gtcgattcat	420
aaagggttca	gtgaagctgg	cctggcggtta	ggtctttccc	gtcgcgaaac	catccgtcac	480
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atcctgtga						729

<210> 2233

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 2233

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ggtgaagggc	agattaattt	caccggagaa	attatcgatt	ctgcttgcca	ggctgtgaat	180
ggattaagta	atccattaga	tgttcagttg	ggaaaagtat	ctaaaacggg	atttaccggg	240
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gttaacgata	tggagttcgg	tgcgcgttat	attcaaaccc	aggcggcagt	caccgcgggc	540
cctgctaact	ctgtatcaac	cttcaccggt	atttataact	ga		582

<210> 2234

<211> 684
 <212> DNA
 <213> Enterobacter cloacae

<400> 2234
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 gaatctctgt actggctgaa tattaaagcg atcccgtcct cgaagcatgt cgaaggggta 360
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 aaagtcaaaa aagccacctg ggctgtgccg aaaactgaaa cgcattttgc tttacctggc 600
 aacgtcggag gttctaccgt cgcgtattcc attattaccg attacggcag catcagtcag 660
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<210> 2235
 <211> 1065
 <212> DNA
 <213> Enterobacter cloacae

<400> 2235
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 gccgcgttat ttatgccgca tgcgaaggcg acctgcacca cgcgcgatct gcccaaatg 180
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 gcaggcggag tacagtgcga ttcacgcgga acgcctgttg gctatgtttc tggcgatggc 480
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 gatgaccgca ttgcgacctt tgatacctac tcaacactc aaagccaggc cgttgccaat 960
 gaaacgctgg agatccctt tcaggttcgc tacgagcaga tcagcgatgt ggtgacgccc 1020
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<210> 2236
 <211> 1035
 <212> DNA
 <213> Enterobacter cloacae

<400> 2236
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gaacgacatg	aatga					1035

<210> 2237

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 2237

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agtttgacgg	aatgcgaaga	gtgcggagat	ccgattcctg	aggcacggcg	taaagccatt	180
cctggcgtac	ggctatgtat	tgctgtcag	caggagaaaag	attcgaaaaa	tgcgacacat	240
tcaggatata	atcgacagag	atcgaaaagac	agccagttac	gttga		285

<210> 2238

<211> 264

<212> DNA

<213> Enterobacter cloacae

<400> 2238

cctatgaaaa	ccatcaaata	tgctgttgcc	gctgttgccc	tgcccgctct	ctctttcggc	60
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gtgagtgtcg	aaggcgcgac	cacgctggac	ggtctggaag	ccaaactggc	ggaaaaagca	180
gccgctgccg	gcgcaagtgg	atacaccatc	acgtccacta	acggtataata	caaactgagc	240
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<210> 2239

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 2239

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ttcgatgagg	ataaagccgc	gcaaattagc	caggtcatta	cctgtcacgt	tgatctgac	660
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<210> 2240

<211> 1755

<212> DNA

<213> Enterobacter cloacae

<400> 2240

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<210> 2241

<211> 1407

<212> DNA

<213> Enterobacter cloacae

<400> 2241

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ggaaacccgt	ggcgtagcgg	cgaagggaaa	ccggcaggcg	aggggcagcg	ccgacgcgcg	1380
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<210> 2242

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 2242
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 aggccatag 309

<210> 2243
 <211> 435
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2243
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<210> 2244
 <211> 2256
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2244
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<210> 2245

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 2245

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<210> 2246

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<400> 2246

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<210> 2247

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 2247
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 accccagaca ccgaccaatc cggaaccgag cgttcgttaa ttgtgggata ccgcccgaat 180
 gttttcgaca aatctacgcc gaaaatcatc ctttcggca agtggctgcg cgcgcgggg 240
 tttgataccg gacagcaggt cacggtaaag gtcatgaaag gatgcatcgt tctggtggcg 300
 tataacgagc aggagcagag gttgcaggat gattataaac ggacgaaagc aaagcttatt 360
 gagatagaga aagcgcttgc agcgatccaa attccacatg ctggaaagcg cctcgcaaaa 420
 tcaaatacaa accatctggc ttaa 444

<210> 2248
 <211> 735
 <212> DNA
 <213> Enterobacter cloacae

<400> 2248
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 tcgaggaata acatgacgaa caatagccaa ataacacagc atataactgt tgcactgatg 180
 ggcgcgatc attatgcaag aaacggcatt aaaacattat taagcagcat ccgcgacgac 240
 cttcacatca ttatcatcga aggaggttat cagcaactgg ataaggcgct gtcgtcgatt 300
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 aacggactgg atatacgtta catcgacgaa ctggagaaac tttcttatcg ccgcgtgagc 660
 gccttaaaaa gctcagcgat aaggaaaactc gggctcagga ataagacaga tttgctggtc 720
 tttttaacca gttag 735

<210> 2249
 <211> 771
 <212> DNA
 <213> Enterobacter cloacae

<400> 2249
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 gctggcacgt tatgttcate cgccgtgtac gcaggcgcg tggggtttag cgcaacgcgg 180
 ctggtctacg cagggcggcg tacgcagacg atgatgcagg taagaaatac ccaccctgat 240
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 gtcatcacgc cgccgctgta cgtcatgaag cccgccagcg aaagcgcggt gaaaatcatg 360
 ttcagcggca acgcccctgcc atccgatcgc gagacgctgt actggatgac ggtcaaagct 420
 atcccacagc aggttaaaaa cggttcgggc aattcgctgc aattcgctc tgccaaccgc 480
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 gccagcgtga cgctggcaga caccttcagc catgcgagca gcatgagcta ccagacgatt 720
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<210> 2250
 <211> 1110
 <212> DNA
 <213> Enterobacter cloacae

<400> 2250
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 gccctgtttt tcatgtcctc tcaggcgctt gccctctcct ggacatcgga tatcaccctt 180
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<210> 2251

<211> 1209

<212> DNA

<213> Enterobacter cloacae

<400> 2251

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gaacagctca	atatcggtgt	cggccccaac	ggcaccggaa	aatccaatat	ttataaagcg	240
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<210> 2252

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 2252

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cattcaatag	aacaatctat	agagaaattc	tccggaaaaa	tcacttcaaa	acgtattttg	180
agcaccatg	cattcatgaa	agagattgat	tcctcatcct	catatctata	caaggccttg	240
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ctcatgtttg	acattaaact	accgcaaaac	gaacgctata	cacattgtga	atatgtagat	420
ctaacatatg	aaaaaataac	atggcattac	atagatggaa	acatcattca	ttctgatacc	480
tggaagggaac	gcgcttaa					498

<210> 2253

<211> 645
 <212> DNA
 <213> Enterobacter cloacae

<400> 2253
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 atgaaagcac gccttacttg ccattctctg ctggcattaa gcattgccgc cctgctgcca 120
 gcgggctcag cactggccgc caccaccagc ggccgcacgg ttaacttcag cggtaaagtg 180
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<210> 2254
 <211> 693
 <212> DNA
 <213> Enterobacter cloacae

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 gcagtggcga cctggacgac ggagtatcaa taa 693

<210> 2255
 <211> 753
 <212> DNA
 <213> Enterobacter cloacae

<400> 2255
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<210> 2256
 <211> 474
 <212> DNA
 <213> Enterobacter cloacae

<400> 2256
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<210> 2257

<211> 978

<212> DNA

<213> Enterobacter cloacae

<400> 2257
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<210> 2258

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 2258
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 cgctggagga ttgcgaaatc gccgatacct ccgcgtccac ggaaaataac cccatcgccg 180
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<210> 2259

<211> 2598

<212> DNA

<213> Enterobacter cloacae

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<210> 2260

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 2260

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<210> 2261

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 2261
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<210> 2262

<211> 1257

<212> DNA

<213> Enterobacter cloacae

<400> 2262
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<210> 2263

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 2263
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<210> 2264

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 2264

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<210> 2265

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 2265

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<210> 2266

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 2266

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<210> 2267

<211> 1161

<212> DNA

<213> Enterobacter cloacae

<400> 2267

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<210> 2268

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 2268

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<210> 2269

<211> 540

<212> DNA

<213> *Enterobacter cloacae*

<400> 2269

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tataacgtga	tcaagctgga	cgataagtac	cagtacgcgc	tggtcagcgg	cccgaaccgt	420
gactacctgt	ggattttatc	gcgcaccccc	accattccgg	atgcggtaaa	acaggactac	480
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<210> 2270

<211> 492

<212> DNA

<213> *Enterobacter cloacae*

<400> 2270

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tgccaggcta	atcttggtcca	gcaccatccg	gatgagacgc	tgacggctcg	gctgaattac	180
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tatgaaccgc	aattttttgt	ctatccgggc	aagagtattt	atatgcggat	caatgaacaa	420
cataatggta	actatatctt	taccttagga	acattaccga	catatgtgtg	tcgtggttca	480
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<210> 2271

<211> 435

<212> DNA

<213> *Enterobacter cloacae*

<400> 2271

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gccatcatcg	ccaaacgcta	ctacacgctg	aaaaccctt	tcctgaccaa	aatcctgcgc	360
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<210> 2272

<211> 2379

<212> DNA

<213> *Enterobacter cloacae*

<400> 2272

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ttctgggcgc	tggatttcc	gcgcaacggc	cagcgcatta	ccggcagcca	gctgaaaaac	420
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<210> 2273

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<400> 2273

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cgtctgatca	cgcgtcttat	tgcgttgacc	tcacagcaaa	acgcagaggt	gtgggcccgc	180
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<210> 2274

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (942)

<400> 2274

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gtttacatcg	atcctgatgt	caatatctct	ggcaaactctc	aattcaccgg	cgcagatctg	300
aaggcggata	acattgcgcc	gaccgcgtgg	gtgcctaacc	tgcactttgt	tgcgccaatc	360
aatgaacagt	ttggttgggg	tgcctctgtc	acctctaact	atggcctggc	aacggagttc	420
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attcactata	gcctcgcgta	taccagctgg	aaccagttcc	angagctgaa	aagcaccggc	960
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<210> 2275

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 2275

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tcttcgcgtg	cgccttcttg	cggctgggca	ggcagcgctt	gcgttgccgc	tggcagcata	120
tcgggctcgt	cgcgatcgcc	cggtttgggt	accagcggaa	tggccgcaaa	ttcatcctgg	180
ttaa						183

<210> 2276

<211> 303

<212> DNA

<213> Enterobacter cloacae

<400> 2276

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gccgggaaga	tcagcgagca	gccgcagccg	gttaacgccg	caccagcagc	cgaacaggat	120
gcagagggcg	cctgccagag	cagtaccaga	cccacggtct	caatgacaag	tgacgacacg	180
gccaccttca	cgcgcgcaaa	gcgatccagc	atccagccaa	acagcagcgc	catcaataca	240
aacgcgcgcg	caaaggccgt	cagcgtaaa	cccgccatcg	cccagccgcg	gctcatgaaa	300
tag						303

<210> 2277

<211> 2172

<212> DNA

<213> Enterobacter cloacae

<400> 2277

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<210> 2278

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2278

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<210> 2279

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 2279

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aagatggcaa	aagccatctg	a				501

<210> 2280
 <211> 822
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2280
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 ctgatccgcc cgatgattgt tgtcgtctcg gcggtgatga gcgccaaact tctttatgac 780
 agccatggac aggagatcct cacctggttg gggatgaact aa 822

<210> 2281
 <211> 366
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2281
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 gccgttcacg cggaagtcac tcgcagcctg gaaaacgcta ttcaggccgg ggaactctct 300
 ccgcgcgacc agtctttagt gctgggcatg tgggataatt tgttccagca ggcgaaaagc 360
 aagtaa 366

<210> 2282
 <211> 1218
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2282
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1218

<210> 2283

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 2283

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<210> 2284

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 2284

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<210> 2285

<211> 2151

<212> DNA

<213> Enterobacter cloacae

<400> 2285

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cgtgcgatgc	tcagacagat	ccgcgaaaac	aaagcgatac	gtggcctgg	atttatctcg	180
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<210> 2286

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 2286

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cagctggcgg	aagagagcct	gatcctcctc	gctgagcgat	gttttctttt	tcattcgtca	180
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<210> 2287

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 2287

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<210> 2288

<211> 912

<212> DNA

<213> Enterobacter cloacae

<400> 2288

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cagtgtcagt	cccgtacgcc	gtggcgtaac	gtcatgcaca	ttaacgtcag	tcggatggc	660
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<210> 2289

<211> 1281

<212> DNA

<213> Enterobacter cloacae

<400> 2289

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<210> 2290

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 2290

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gcggaagaga	cgctggccgc	gctgagccag	cgcgcgcgtg	aagtcgaatc	cgatccgtgt	180
gaaatcaaat	ccaccttcac	ggaagtagaa	ggcggcgtgc	agctggatat	cgactttgtg	240
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<210> 2291

<211> 1344
 <212> DNA
 <213> Enterobacter cloacae

<400> 2291
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<210> 2292
 <211> 1023
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2293
 <211> 1146
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2294

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 2294

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<210> 2295

<211> 588

<212> DNA

<213> Enterobacter cloacae

<400> 2295

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gagaaaggca	tcccggcacg	tccggcacgc	ctgatcgagg	ctttacagaa	ttattaccac	540
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<210> 2296

<211> 1239

<212> DNA

<213> Enterobacter cloacae

<400> 2296

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gcctttgcgg	tgtttctgac	ctatatgacc	gttggcctgc	cgctgccggt	gatccccttg	180
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cttgcaacgt	cgtttggtca	tccttcgcgt	tttctcgccg	gtgcggtgtc	agcgggtggtg	1200
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<210> 2297

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 2297

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ccggtcagcg	aactggacga	tgcagacgcc	ctgatggtgc	gctcgggtgac	taaagtaaat	180
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tccctgtatg	tcattgtgca	tgacgcgtca	gcggcggggc	tgctgcataa	actgggattt	1140
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<210> 2298

<211> 1020

<212> DNA

<213> Enterobacter cloacae

<400> 2298

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cgtaccgaca	gcgcaggaga	acagctgcgt	ttcggcgggg	aatccttgat	ggtgcaggac	180
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ctgtttctccc	tggagccgga	tggtgcgctg	gtgggtgccg	acgtcaaccc	gtttgtgctg	360
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aacgattacg	gtatgcctga	gcaggtgcag	ttctgggtctg	ttgccgacaa	cgtgcgtttc	960
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<210> 2299

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 2299

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ggcgagcggg	tgttcagtaa	tccggactcg	aagattttcc	gccgcagtta	tttagataag	360
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caagcgaagt	aa					672

<210> 2300

<211> 339

<212> DNA

<213> Enterobacter cloacae

<400> 2300

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caggatgaat	ttgcggccat	tccgctggta	cccaaaccgg	gcgatcgcga	cgagcccgat	180
atgctgccag	cggcaacgca	ggcgtgcctc	cccagccgcg	cagaaggcgc	agcggaagag	240
gtgcgcgcag	gtgatgcagc	cgcgccgtcg	ctcgatccct	cgcgcctggc	gacgaacaat	300
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<210> 2301

<211> 771

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (755)

<400> 2301

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ggtcttgacg	acgacggcgt	gggtgaagtt	cgtgttcctc	gggtcaatac	tgcgcccggc	180
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ccgcaccagc	ctgtgcaaca	gcagcccgtt	gcgccacagc	ctgtacagcc	gcaacctgtc	360
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ggcagcggtc	cggcgctgtt	cagcctggcc	aatatggtca	atccaggcac	gttggtcttc	720
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<210> 2302

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 2302

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gcgcgctggg	cgatagccag	cctgctgacg	ctggcgacct	gtatcggggt	ggtaatggcc	780
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<210> 2303

<211> 1479

<212> DNA

<213> Enterobacter cloacae

<400> 2303

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ggcgaagccg	aaatccatca	ggccgttgcc	gcccgcgaa	agcggttccc	gaaatgggcc	180
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gggcgcgaag	gcggcgagta	cagcttcgag	gtattcgcg	agatgaagaa	cgtgtgcatc	1440
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<210> 2304

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 2304

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gccggactac	ggtgcgctgc	tggacgatata	gttcttccac	gacggcagcg	acatccccgt	180
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gcgcggcccc	aactgcacga	tcttcgacgt	ctacaacgcc	acggattacg	tcataccccgc	300
cctggagctg	atcgacgccc	gctgccataa				330

<210> 2305

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 2305

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gcggcgaaaa	tgctgattgg	cattccggac	tatgacaact	acgttgagca	tatgaagacc	240
aaccatccgg	ataagccgta	catgacttac	actgaattct	tccgcgagcg	tcaggaagcg	300
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<210> 2306

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 2306

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actaacgcgc	ttctgctgga	taaccagctc	tgttttgcc	tctattcgcc	aaatctggcg	120
cttaacaagc	tctaccggca	actgctggcg	ccgcttaacc	tgacctaccc	gcaatacctg	180
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cgggcgctgc	aacagcaggc	cgtgacgata	ccccacgccg	tgggctgtgc	agcgagtggt	420
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cgcgcgtaa						489

<210> 2307

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 2307

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cccaaagaga	tgggtggcat	ggggggtgaa	gtaaccaacc	ctgaacagct	gttcgctgcg	180
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<210> 2308

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 2308

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<210> 2309

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 2309

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<210> 2310

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 2310

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<210> 2311

<211> 1314

<212> DNA

<213> Enterobacter cloacae

<400> 2311

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<210> 2312

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 2312

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<210> 2313

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 2313

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<210> 2314

<211> 2319

<212> DNA

<213> Enterobacter cloacae

<400> 2314

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<210> 2315

<211> 699

<212> DNA

<213> Enterobacter cloacae

<400> 2315

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cgctgacgc	gcattaaactc	gcgtgcgccc	atttatacgg	tgacgcacgg	cgatatcgat	660
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<210> 2316

<211> 588

<212> DNA

<213> Enterobacter cloacae

<400> 2316

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<210> 2317

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2317

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<210> 2318

<211> 2334

<212> DNA

<213> Enterobacter cloacae

<400> 2318

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<210> 2319

<211> 1140

<212> DNA

<213> Enterobacter cloacae

<400> 2319

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<210> 2320

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 2320

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<210> 2321

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<400> 2321

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<210> 2322

<211> 1365

<212> DNA

<213> Enterobacter cloacae

<400> 2322

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<210> 2323

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 2323

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<210> 2324

<211> 1686

<212> DNA

<213> Enterobacter cloacae

<400> 2324

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<210> 2325

<211> 1704

<212> DNA

<213> Enterobacter cloacae

<400> 2325

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<210> 2326

<211> 1788

<212> DNA

<213> Enterobacter cloacae

<400> 2326

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<210> 2327

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 2327

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<210> 2328

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 2328

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<210> 2329

<211> 1503

<212> DNA

<213> Enterobacter cloacae

<400> 2329

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taa

1503

<210> 2330

<211> 822

<212> DNA

<213> Enterobacter cloacae

<400> 2330

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cgctactggc	tgcaatgtga	gcgagcgtac	acttatcage	ccatctaccg	taccgacggt	180
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tggcgcgacg	tgcaaaattc	cccggcagcg	gcggcacagg	gttatttcct	ctctcgtcct	780
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<210> 2331

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 2331

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<210> 2332

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 2332

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cgtcagactg	atgaattatg	ggcgcaatta	tccgcgtcac	cctccgctat	cgctcatgata	240
gatgggtatt	taattcgtga	taatggtgtg	gctttactgg	aagagattat	ggatcgcttt	300
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gcggccggag	agtccaataa	agagattgga	cgtaatctca	atatcagtg	ggcaacggta	600
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<210> 2333
 <211> 2229
 <212> DNA
 <213> Enterobacter cloacae

<400> 2333
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 attactgaac aatatgcaca gcgccggatg cgcgcttcac tcacctattt caacaggaca 180
 gcgtttatga ccaatccatt actgacgcct ttttcgttgc caccgttttc taaaatcctc 240
 cctgagcatg tggttccagc gggttacgcaa tcgctggaca actgccgcgc gccggtagaa 300
 agcgtggctg cgcagggcgc gccgtacacc tgggaaaatc tgtgtcagcc gctggccgaa 360
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 ggtcagtcgt tcctcgacaa catcctgacc cgcggcgggt cagaagagcc tatggagctg 2160
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 aaaggctga 2229

<210> 2334
 <211> 462
 <212> DNA
 <213> Enterobacter cloacae

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 ggatgtatga ttagcaccgt cgcattgttt tgggcgttat gcgtgggttg catagtgaat 180
 atggcgcgct acttctcctc gttacgtgcg ctgttagtgg tacttcgtgg ttgcgatccg 240
 ttgctttatc agtatgtgga cgggtggagg ttcttcacct cgcacggaca gccagcaag 300
 cagatgcgct tgggtgggta tatctactac caacgtaccc gcgatcacca cgatgaagag 360
 ttatccgctc gctgcgagc cctgcgtcgt cagttcattt tgaccagcgc cctctgtggt 420
 ctggttgtgg tgagtatgat tgcgctgatg atttggcact ga 462

<210> 2335
 <211> 1287
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2335
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 gcggcgggta tgttttgtgc ggcgatggcc ggacaagcgg gtcgtcgcgt gctgctgctg 180
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 gcgctggcgc gctataccca gtgggatttt atcgaactgg tgggtaaaca cggtatcgcg 360
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<210> 2336
 <211> 861
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2336
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 ttagtagatg aaacaggcgc cggggacggc gccttatctg ttctggcggc ccgctggggg 180
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 aaagagatgc ggggtgtttca gtgctgggtg gggccagatt tagatgccga tggcctgctg 720
 gaaccggctc gtcagctggc gacgaagcgt gtggtggtga agcgccctga ctatgcgccg 780
 ccgctggcgg acgttgcgac cactaacgcg gtgaccacga aagggcaccg gtttgatatt 840
 tattcgggaa caccggaata a 861

<210> 2337
 <211> 852
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2337
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 ggtgacggca taggagtggg ctatggccaa agttatcagc cctggcttag agctcaggac 120
 gttaaattcc gtggaaaccg ttcatagatc tttggcctta agacgtttcg aaaccatcat 180
 ctcttttctt ctgtcgaaag taactttttc tatctggctg agtttaatga ctcggtgatt 240

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ggtatgacaa	ccgatttttt	actgaccttg	agaactcctg	aaggcggaact	tcgatacaaa	420
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<210> 2338

<211> 945

<212> DNA

<213> Enterobacter cloacae

<400> 2338

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<210> 2339

<211> 2085

<212> DNA

<213> Enterobacter cloacae

<400> 2339

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gccacgtttg	actggaaccg	cctcaaaccg	accatcaacc	agaaagtctc	aaccgagctg	180
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gatccgcagg	cgggcgtgaa	ggctgggccg	ttgattgcgc	gtggtgcggg	cgccgccgcg	1980
ctcgctacgc	tggtgacccc	tgcggcggcg	ctggtggcgt	tgatttcgcc	gtcagaaggc	2040
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<210> 2340

<211> 1701

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(1661)

<220>

<221>unsure

<222>(1689)

<400> 2340

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gagaaagaat	taacagataa	agacagagga	aggcgagatg	aaaattacaa	tatcattaaa	300
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<210> 2341

<211> 1506
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2342
 <211> 1443
 <212> DNA
 <213> Enterobacter cloacae

<400> 2342
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<211> 1332
<212> DNA
<213> Enterobacter cloacae
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<210> 2344
<211> 453
<212> DNA
<213> Enterobacter cloacae
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<210> 2345
<211> 1707
<212> DNA
<213> Enterobacter cloacae
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<210> 2346

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 2346

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ggttatggtc	acgtaattcg	ccagtgggaa	aaatttaacg	gtctcatcac	gccgactgag	180
gcggagaatt	tgctttgtaa	tgatattcaa	ttatgtgagg	cgtctgctgc	ggaaatgaac	240
aaacgcccac	taacccaaca	gcagcatgac	gcactgatat	taaccctctt	cagttttggg	300
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<210> 2347

<211> 675

<212> DNA

<213> Enterobacter cloacae

<400> 2347

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<210> 2348

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 2348

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gaatggctga	aaccggcctg	gcgcggtata	gggcttgcaa	tctccatctt	tgctaactac	180
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acgcttccgt	cgctggtgaa	gtcgccctcc	ggcgcgccct	ttgggttcggt	gctggggctg	360
atggctttct	tctattttctt	cgctcgcttg	acgctgttct	gcgcgcgctg	gatcgccacg	420
gctgagtata	aagatgaccc	gcgcattgcc	ggtaaaaccc	accgctga		468

<210> 2349

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 2349

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ttccacgcag	gcaaccacgc	cgacgtcctc	aaacacaccg	ttcagagcct	gatcatcgaa	120
tcgcttaaa	aaaaggataa	accgttcctt	tatctggaca	cccacgcggg	cgcgggccgt	180
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<210> 2350

<211> 573

<212> DNA

<213> Enterobacter cloacae

<400> 2350

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accgtgacgg	cgggaaatat	cgccctccagg	cgactgctgg	aaaaaacagg	ttttcagctg	480
gaaggtgagt	tgcgcgagag	ttatttcctt	tcagggcaat	ggcataacga	ctggctattc	540
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<210> 2351

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 2351

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<210> 2352

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 2352

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<210> 2353

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 2353

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<210> 2354

<211> 702

<212> DNA

<213> Enterobacter cloacae

<400> 2354

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<210> 2355

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 2355

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gtcgccctgcg	cgcactttac	ggcgatgcat	attatcgttc	cggtgctgcc	cgatctgttg	360
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ggcaatctca	gcgccagtat	ctcgtcattg	ctgatggagg	cggcgataaa	ccactgtggt	720
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<210> 2356

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 2356

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atcagcaaa	tggcgtacac	aagcaagggt	acggataccg	gtatcgatcc	gcagcagttc	360
gacggcatta	ttcagaaagc	gaaggcgggt	tgtccggtat	cgcagctggt	gaaagccgaa	420
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<210> 2357

<211> 795

<212> DNA

<213> Enterobacter cloacae

<400> 2357

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atggcgcaaa tctag 795

<210> 2358

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 2358

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cctctacata	gcggccaaac	tgaatataga	gcggttgatc	cagccccagc	tgctggcgga	300
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<210> 2359

<211> 1506

<212> DNA

<213> Enterobacter cloacae

<400> 2359

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<210> 2360

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 2360

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<210> 2361

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 2361

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ctggatctgg	cacggaagat	gtatcgaaaa	gcgcctgaca	cgttccagat	cgaagttcag	480
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<210> 2362

<211> 1536

<212> DNA

<213> Enterobacter cloacae

<400> 2362

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<210> 2363

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 2363

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<210> 2364

<211> 921

<212> DNA

<213> Enterobacter cloacae

<400> 2364

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<210> 2365

<211> 1785

<212> DNA

<213> Enterobacter cloacae

<400> 2365

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<210> 2366

<211> 1716

<212> DNA

<213> *Enterobacter cloacae*

<400> 2366

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<210> 2367-

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 2367

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<210> 2368

<211> 867

<212> DNA

<213> Enterobacter cloacae

<400> 2368

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<210> 2369

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 2369

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<210> 2370

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 2370

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<210> 2371

<211> 1044

<212> DNA

<213> Enterobacter cloacae

<400> 2371

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<210> 2372

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 2372

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<210> 2373

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 2373

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cttcaggcag	agcacgggtg	tgttaccgaa	gatgacattt	tgatggaact	gaccaagtgg	180
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<210> 2374

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 2374

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taa

1023

<210> 2375

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 2375

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<210> 2376

<211> 2112

<212> DNA

<213> Enterobacter cloacae

<400> 2376

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<210> 2377

<211> 2709

<212> DNA

<213> Enterobacter cloacae

<400> 2377

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<210> 2378

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 2378

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tatggtctga	tccgaacgtg	caggctgaac	ggtatcgatc	cagaggggta	ccttcgccat	360
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gtagatctca	ccaataaata	g				441

<210> 2379

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 2379

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<210> 2380

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 2380

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tgtatcatcc	tgcgtcccgt	ccggccgacc	tggtgctcgt	tcgcgcagct	tgaaaaagcc	180
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tga						243

<210> 2381

<211> 762

<212> DNA

<213> Enterobacter cloacae

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 gatttgcgcc aattaccagg gcgttattgc actctgcagt tgcgtgccac ccgtcacggg 180
 aatgacctct tccagggatg gcacagtata gaggattcac gtgactggac ctatcttccg 240
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<210> 2382

<211> 267

<212> DNA

<213> Enterobacter cloacae

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<210> 2383

<211> 1113

<212> DNA

<213> Enterobacter cloacae

<400> 2383
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<210> 2384

<211> 1362

<212> DNA

<213> Enterobacter cloacae

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<210> 2385

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 2385

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<210> 2386

<211> 2655

<212> DNA

<213> Enterobacter cloacae

<400> 2386

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<210> 2387

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 2387

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cagcaaattg	ctgccgttcg	tgccgcacat	aacggattga	tggtctgagg	tctggagagt	180
cacatacgag	aaacctttga	ccagaatgac	aactatagcc	atgaagtcag	taaatcagtt	240
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<210> 2388

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 2388

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gtggatcagg	aatggagcta	catggacttc	ctggagcacc	tggttacatga	ggagaaaactg	180
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cacgtcgtgc	aaataaaaagg	ggaaagctat	cgactgaagc	agaaacgaaa	ggccgggggtt	780
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<210> 2389

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 2389

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tcggaagtgg	tgctgaagcg	cctggagccg	gcggtgctgc	gtgaccagcg	tatcgtggtc	120
tcggttatca	cttactccga	gatgcgcttt	ggcgccacag	gtccgaaggc	ctccccaccc	180
cgcgagcagt	tggttgacgc	gttctgtgtg	ccgttctga			219

<210> 2390

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 2390

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cgtatcaaag	gtcagattgc	agcgctggaa	caggcgattg	aaaacgaagc	ggaatgttct	120
tcattgttgc	agcaactggc	ttcggtacga	ggagccgtta	aaggcctgat	gactgttggt	180
ctggaaagct	atctcaggga	agaatttccc	gatacgaaca	aaagaagggg	gtcgcagacg	240
aaatctatca	acgacgctat	ttccattggt	cgctcatatc	tccgttaa		288

<210> 2391

<211> 621

<212> DNA

<213> Enterobacter cloacae

<400> 2391

ctgagttggt	acgttggtgc	tgaattgtcc	tgtcgttata	cggagaaaaat	tatggaacgt	60
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cttggctgca	cgatgaaatt	tggtgtttat	actccacccc	aggcgcttaa	cggtaatgta	180
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cattcgatgg	gcggacatgg	cgccctgatg	attgcgctca	gaaacccggg	ccgctatcag	540
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<210> 2392

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 2392

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gcaagtctcg	ggtggagggc	agtagtggcc	agttatcgta	gccagggggc	ctgggtaatc	180
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gaagtgttct	ggagtagtgt	agtaaaccgt	gtgctctggc	cgtggctggt	cctgctgatg	600
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<210> 2393

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 2393

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tgttttgtca	ggaagataaa	tggcagctat	cacgccgtag	tcggcttacc	gctggtggaa	540
acgtatgagt	tgctgagcaa	ttttaactca	ctgctgaggg	gaagggataa	ttatgacggc	600
tga						603

<210> 2394

<211> 1446

<212> DNA

<213> Enterobacter cloacae

<400> 2394

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cagtcgagct	atcacgaatc	ctgggtttta	gaagacagca	tcattaaaga	tggctcttac	180
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<210> 2395

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 2395

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cgcaaggtgc	tggctccctac	cgggatttat	gatttcgtct	ggcatcctgc	attgttcaat	180
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<210> 2396

<211> 2031

<212> DNA

<213> Enterobacter cloacae

<400> 2396

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<210> 2397

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 2397

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tga						963

<210> 2398
 <211> 1020
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2398
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<210> 2399
 <211> 1506
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2399
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<213> Enterobacter cloacae

<400> 2400

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<211> 960

<212> DNA

<213> Enterobacter cloacae

<400> 2401

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<210> 2402

<211> 1983

<212> DNA

<213> Enterobacter cloacae

<400> 2402

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<211> 1170

<212> DNA

<213> Enterobacter cloacae

<400> 2403

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<210> 2404

<211> 1674

<212> DNA

<213> Enterobacter cloacae

<400> 2404

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<210> 2405

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 2405

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<210> 2406

<211> 1125

<212> DNA

<213> Enterobacter cloacae

<400> 2406

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<210> 2407

<211> 1062

<212> DNA

<213> Enterobacter cloacae

<400> 2407

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<210> 2408

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 2408

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aaagatatcc	agcattttac	gggtcggatg	gctctgaaat	ttttgctggc	gaccttgctc	180
gtctcaccgt	tggcgcgcta	cgctaaacag	ccagttttca	ccagggatgg	cgatcacgtc	240
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<210> 2409

<211> 1425

<212> DNA

<213> Enterobacter cloacae

<400> 2409

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<210> 2410

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 2410

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caacatcaac	cagtcgaagg	tctctcgcat	gttaaccaag	tttgagcgcg	tgcgtacgcg	180
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<210> 2411

<211> 984

<212> DNA

<213> Enterobacter cloacae

<400> 2411

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<210> 2412

<211> 474

<212> DNA

<213> Enterobacter cloacae

<400> 2412

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attggtgctg	tggccatgcg	tttcggtaac	cgcaaattgc	gtcagcagca	gtcactgcaa	180
tacgaactgg	aaaagaacaa	agccgaactg	gaagaatatc	gcgaagagct	ggtcagccac	240
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cacatggcga	aaagctccag	cagcctgctg	ccggaaatga	ccgcggagac	caacccttc	360
cgcaatcgte	tggctgattc	tgaagccggt	aacgatcagg	caccgggtca	gatgccacgc	420
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<210> 2413

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 2413

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aagtttgagg	cggtgcgtac	gcgcaacgcc	aaaatggaaa	tggtttattg	cctgcctgct	180
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aacgatgccg	tggtcgtgat	ccacaccagc	ccgggcgcag	cccagctgat	tgcccgcctg	300
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<210> 2414

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 2414

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actgtttctg	ttggtgccat	cggtacgtct	ccgatggaca	tgcacgaaat	gctgaacaaa	180
aaagcggaag	aacaggggtgc	gtcatcttat	cgcatcatcg	aagcgcgcag	tggcgaccac	240
tggcacgcta	ccgcagaact	gtacaaaataa				270

<210> 2415

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 2415

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ggtgaaccgg	taaacgagat	tttgcgcacg	tcattggctgg	ccataatggc	gtcgctaatt	240
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ggcgtgatag	cagcaaccac	cccgcacagg	tcacgagtgg	ccagaatacg	ggagccagg	480
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<210> 2416

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 2416

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aagggtcagg	tctgtattaa	ctatctgacg	gactattttg	tggaaagtggc	ggagctgttt	900
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<210> 2417

<211> 1731

<212> DNA

<213> Enterobacter cloacae

<400> 2417

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<210> 2418

<211> 699

<212> DNA

<213> Enterobacter cloacae

<400> 2418

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<210> 2419

<211> 1107

<212> DNA

<213> Enterobacter cloacae

<400> 2419

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<210> 2420

<211> 1566

<212> DNA

<213> Enterobacter cloacae

<400> 2420

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<211> 1539

<212> DNA

<213> Enterobacter cloacae

<400> 2421

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<211> 330

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<212> DNA

<213> Enterobacter cloacae

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<211> 504

<212> DNA

<213> Enterobacter cloacae

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<212> DNA

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<211> 621

<212> DNA

<213> Enterobacter cloacae

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<211> 1785

<212> DNA

<213> Enterobacter cloacae

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<210> 2431

<211> 2046

<212> DNA

<213> Enterobacter cloacae

<400> 2431

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<210> 2432

<211> 1338

<212> DNA

<213> Enterobacter cloacae

<400> 2432

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gcgggtgga	ccgttgtgca	catcaacgcc	gcggtagcag	gcctggtagg	cgctacctg	660
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<210> 2433

<211> 678

<212> DNA

<213> Enterobacter cloacae

<400> 2433

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<210> 2434

<211> 3111

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

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<400> 2434

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<210> 2435

<211> 522

<212> DNA

<213> *Enterobacter cloacae*

<400> 2435

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ctgggtatca	acccggattt	ctacgaaaaa	cgcgatatcc	acgttcacgt	tccggaagg	180
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<210> 2436
 <211> 360
 <212> DNA
 <213> Enterobacter cloacae

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 gcgggtgctg atattttctaa agcggcagct ggacgtgctt tagatgcttt aattgcttct 180
 gttactgaat ctctgcaagc tggggacgac atttcaactgg taggcttcgg tacttttgcg 240
 gttaaagagc gtgcagcccg tactggccgc aaccctcaga ccggcaaaga gatcaccatt 300
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<210> 2437
 <211> 501
 <212> DNA
 <213> Enterobacter cloacae

<400> 2437
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 atgaaatgtg gaatcaaagc actgttaatt acactggcta ttgccacttc cgggatgagt 180
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 gcaacgtcac aaggtcaggt taaagccaac gcgacggcca gcacgaaagc cattgaggac 300
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 ggcgtgggcc tcaaaaaagc gcaggccatc gtcagctatc gtgaagagta tggtcctttc 420
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 ctgcacaccc tgacgtgta a 501

<210> 2438
 <211> 381
 <212> DNA
 <213> Enterobacter cloacae

<400> 2438
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 ccggagctgg cgtttcggat ccttctgcga atcgaccgcg ctgagaaggg gaattttggc 180
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 aagagccaga aagcggatgt gatgctggca atagattact ggaaagatca tcaaaaggat 360
 aaactccatg agcaaaagtg a 381

<210> 2439
 <211> 843
 <212> DNA
 <213> Enterobacter cloacae

<400> 2439
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<210> 2440

<211> 375

<212> DNA

<213> Enterobacter cloacae

<400> 2440

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<210> 2441

<211> 1119

<212> DNA

<213> Enterobacter cloacae

<400> 2441

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gaaatccagg	cgcgtcagct	ttatcacgac	cgcgagaag	tgacggtgca	tatccgtcgc	1080
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<210> 2442

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 2442

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ccgcgtatgc	acgcgctgct	ggaaggtggc	cacgcgttgc	ccgcgtcttt	tgccgtctct	360
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<210> 2443

<211> 1383

<212> DNA

<213> *Enterobacter cloacae*

<400> 2443

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<210> 2444

<211> 1350

<212> DNA

<213> *Enterobacter cloacae*

<400> 2444

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cgtaatatgt	tggtgatcaa	ggacaactca	gggcataccg	gtgtcgggtg	aatccccggc	180
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<210> 2445

<211> 1653

<212> DNA

<213> *Enterobacter cloacae*

<400> 2445

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ccggaattta	cttcaacgcc	gcgtgacggg	catccgctgt	ttgcaggctt	cgtgaaagcc	1620
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<210> 2446

<211> 1350

<212> DNA

<213> *Enterobacter cloacae*

<220>

<221> unsure

<222> (1261)

<400> 2446

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<210> 2447

<211> 1389

<212> DNA

<213> Enterobacter cloacae

<400> 2447

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<210> 2448

<211> 1566

<212> DNA

<213> Enterobacter cloacae

<400> 2448

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cacaaagaaa	atgctcagca	gcaaaccgat	gagaacggta	ggagcgagga	tcaaaatcat	180
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<210> 2449

<211> 2280

<212> DNA

<213> Enterobacter cloacae

<400> 2449

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<210> 2450

<211> 1371

<212> DNA

<213> Enterobacter cloacae

<400> 2450

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<210> 2451

<211> 936

<212> DNA

<213> Enterobacter cloacae

<400> 2451

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ggcgtggcgt	tggcaaacaa	cgttatggcg	cagtcgaaa	ttgaggcagg	ccgtctggtt	780
tgccatttta	acgatgtact	ggtcagcaag	aatgcatttt	atctgggttg	tcatgacagt	840
caggcagaac	tgggtaaaat	agccgctttc	cggcagtgga	tactggcgaa	agcggcaagc	900
gagcaagaaa	aattccgctt	cagggtatgaa	caataa			936

<210> 2452

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 2452

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ttaagcaaat	ctctgggcgt	tgtggagatg	gggtggatcc	agaccggcct	tgaatatcag	180
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tactgtctgg	cgctgtcgca	tttacgcctg	tgggcgtttg	ttacacctgt	cggcggcgtc	360
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gttgttcatg	aataa					435

<210> 2453
 <211> 606
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2453
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 catgaaaagc gggggacgtg gccgcaaagt actgacttat gtggcggtgcc gtcaccgtgc 180
 attatcgctt cgcaggatga ttacgttatc tggcaaccga aaccgttcat gggcgagcag 240
 aatgtaaatg ctggtgaacg cgcgatggac cttgtgatac aacctgcgct tcatgcattt 300
 tataccacgc agtttgccgg ggatatgact gcatgttttg caggacagcc gctgacgtg 360
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 ctgtaa 606

<210> 2454
 <211> 792
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2454
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 accgtgcgcg atcaaatcgg tcagcacgtt tttactgccc atcgtctcga tcggccaacc 180
 tctggtgttc tgctgatggg gctttccagt gaggccgggc gcctgctggc gcagcagttt 240
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 gccacgcttg attatccctt ggtggaggaa ctggataaaa tcgccgataa atttgccgc 360
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 caagcgcaat aa 792

<210> 2455
 <211> 465
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2455
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 tcttacgcca atttctgcgg cggcggtaaa cagttcgacg cgctgttgca ggaacagagc 360
 gctcagcgcg tcggagagat gttgctgatt gatcggggtg aacaccctga gccagaaagc 420
 gagtcaaate cctgggttga acactgggcc acgctcctga actaa 465

<210> 2456
 <211> 1155
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2456

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<210> 2457

<211> 834

<212> DNA

<213> Enterobacter cloacae

<400> 2457

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cagacttttcg	ccaccatttcg	gccttacacg	ctggaagaga	cctacgaagt	gctggacgcc	180
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<210> 2458

<211> 1374

<212> DNA

<213> Enterobacter cloacae

<400> 2458

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<210> 2459

<211> 1371

<212> DNA

<213> Enterobacter cloacae

<400> 2459

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attcagaaag	tgccctgcgat	gcgcaaatat	agcggccata	tcagcaacgt	gttcggtgtt	1320
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<210> 2460

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 2460

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cagcttatcc	gccacagtga	accaccccat	gcggtcgcgg	tttttgatga	cgaagcccgc	180
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cgcaaaaagc	tggaggcgca	taaagaaatg	gcgtttatct	gccgggaggt	ggcgacgcta	720
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<210> 2461
 <211> 834
 <212> DNA
 <213> Enterobacter cloacae

<400> 2461
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 ggcgttaagg tactggcgct cagcaatacg cccgcgagcc cgctggcctc cctgagcgat 660
 ttacagctgg ttgcagccaa acccgaggga ccgctgagcg cgggtgcgct caatgccaaag 720
 gttggcgatg tgctgctggt tgaactgcta accacttccc ttattgcagt agacagccat 780
 tacggtgacg ttagccagca aacggcaagc gccacgttgc cgcttctgct atag 834

<210> 2462
 <211> 846
 <212> DNA
 <213> Enterobacter cloacae

<400> 2462
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 gaactctcct ggctgaatgc gcgcggtctg ccgcaggttg ccgtgggcca cgtcgagctg 240
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<210> 2463
 <211> 1299
 <212> DNA
 <213> Enterobacter cloacae

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 ttcagatgct gcgcagtgca tcgccagggt gatgtctttg ccagctcgt agcctgctgc 720

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<210> 2464

<211> 1398

<212> DNA

<213> Enterobacter cloacae

<400> 2464

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<210> 2465

<211> 2769

<212> DNA

<213> Enterobacter cloacae

<400> 2465

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cagagacagc	ttgaagatgc	cggggccagc	attatcgaac	cgctggccgt	ctccagcgag	180
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<210> 2466

<211> 1383

<212> DNA

<213> Enterobacter cloacae

<400> 2466

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accggtaaa	gccaccatac	cgatattgcc	attatcatgg	ggctggcggg	taatctgccg	240
gataccgttg	atattgatgc	aatacctggc	tttatccagg	acgtgaacac	ccacggctcg	300
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<210> 2467

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 2467

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<210> 2468

<211> 822

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (725)

<220>

<221> unsure

<222> (729)

<220>

<221> unsure

<222> (736)

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<221> unsure

<222> (794)

<400> 2468

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<210> 2469

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 2469

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aaactgcgcg	atcacatgcg	cctgctgacg	gaaaagctga	aggccacgca	gccgtcaaac	180
attgcctctc	agtcagaaga	gacgccacca	cctcattatt	ga		222

<210> 2470

<211> 654

<212> DNA

<213> Enterobacter cloacae

<400> 2470

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aacttcatgg	ccttccagcg	ccgtttccag	gccggaaatc	agggaaaccgt	gaccatgcag	540
gtagtcacgc	ggcgactca	ccggagactc	atcaaccaac	acaccgtctt	ctgtacgtac	600
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<210> 2471

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 2471

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aacgatgtta	agcgccagct	taaaagcggc	gacgtggtgc	tggatgggtc	cgaactgcat	180
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<210> 2472

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 2472

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cagcttaact	tacgggcggc	cgaggtagaa	ggcgacagct	ttcacccgcta	cacgcgcccc	180
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ggattgcacg	gcggcggtgt	gacgcctcag	tcatattcga	cgtggcgcg	cacgtggatt	480
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<210> 2473

<211> 639

<212> DNA

<213> Enterobacter cloacae

<400> 2473

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acgttgtatt	acatcgtaa	aggctcggtg	gccgtgctga	tcaaagatga	agaaggga	180
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tcttataaga	aattccgtca	gctgattcag	gtcaaccctg	acatcctgat	gcgtctctct	360
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tgctcccgtg	aaacagtggg	ccgtatcctg	aagatgctgg	aagatcagaa	cctgatctcc	600
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<210> 2474

<211> 2145

<212> DNA

<213> Enterobacter cloacae

<400> 2474

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<210> 2475

<211> 1938

<212> DNA

<213> Enterobacter cloacae

<400> 2475

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gagataagcg	cggatggcgg	taactttacc	ttcccgggca	actggcagct	cgctgggtg	240
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<210> 2476

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 2476

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tgtcaggagg	gatgacaggt	gatggagcgc	gggctggaag	agtcgcgcaa	gatcgccggt	300
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cgtctgataa	tgggcatgaa	gctgcgccgt	ccggatctgg	agatggatct	gacgatgggc	420

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cagctgattg	cgatcgtctt	tgcccgcac	cgcgagcagg	atccgagcct	gcgggcgctg	900
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<210> 2477

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 2477

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tttgtcggcg	gcacgctgcg	tcggccaaaa	atgtggcttg	agacgcgtat	tcccgactgg	1020
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<210> 2478

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 2478

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aactgcatga	gacggtcaat	atcatgcccc	gcaacgcgtt	tcattggtga	tctttacact	180
tttccagtca	gggagttgct	atgtctgcca	gacatccggt	tattgccgtt	acgggttcga	240
gtggggcggg	aaccactacc	accagcctcg	ccttccgcaa	gatcttcgcc	cagcttaact	300
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<210> 2479

<211> 573

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (32)

<220>

<221> unsure

<222> (33)

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 cagcgcgact ttggctacgc ggtggttggc aaagtgggta aaggcatgga cgtggcggat 480
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<210> 2480
 <211> 690
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2481
 <211> 594
 <212> DNA
 <213> Enterobacter cloacae

<400> 2481

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aacgatgaga	tcgcgctgga	tgacattgac	gcgctggcac	ctcagaaaat	cgtgatttcg	180
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gccaccattg	tccgtgccgc	gaaagtcatg	catggcaaaa	cctcaccgat	cacacacacc	360
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gagatcatgg	gcattcgcca	ccgcgagtac	gatctggaag	gtgtgcagtt	ccaccgggaa	540
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<210> 2482

<211> 1266

<212> DNA

<213> Enterobacter cloacae

<400> 2482

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tttatcccgg	tgaaagggag	aggcagccgc	gtctgggac	agcagggcaa	cgagtatgtt	180
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<210> 2483

<211> 411

<212> DNA

<213> Enterobacter cloacae

<400> 2483

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gcggcggctc	cgcgtgcggg	tgacctgtct	gcggagaaat	actgctctgt	ggcgttaatg	360
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<210> 2484

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 2484

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<210> 2485

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 2485

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<210> 2486

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 2486

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<210> 2487

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 2487

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<210> 2488

<211> 1950

<212> DNA

<213> Enterobacter cloacae

<400> 2488

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<210> 2489

<211> 1671

<212> DNA

<213> Enterobacter cloacae

<400> 2489

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<210> 2490

<211> 837

<212> DNA

<213> Enterobacter cloacae

<400> 2490

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<210> 2491

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 2491

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<210> 2492

<211> 792

<212> DNA

<213> Enterobacter cloacae

<400> 2492

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<210> 2493

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 2493

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<210> 2494

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 2494

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<210> 2495

<211> 198

<212> DNA

<213> Enterobacter cloacae

<400> 2495

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<210> 2496

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 2496

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gctcagctca	gtcgtgcggt	gtcccgggcg	gatacacagg	tggatacgcc	cgagggcgga	600
ttcgcgctgg	cggaatggtt	acgcgacggc	aaaacgctgc	taaaaacgca	atatgggccc	660
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<210> 2497

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 2497

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caggtacgta	cagaagacgg	tgtgttggtt	gatgagtctc	cggtgagtgc	gccgctggac	180
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gttggcgaca	aattcgacgt	tgctgtaggc	gcgaacgacg	cttacgggtca	gtatgacgac	300
aacctggttc	agcgcgttcc	taaagacgta	ttcatgggcg	ttgacgagtt	gcaggttggc	360
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ggtgcgcacg	gtcacgacca	tgaccacgat	cacggccatg	acggctgctg	cggtgggtcac	600
ggccacgacc	atggtcatga	ccacggccac	ggtaaagggtg	gttgcggtaa	cggcggctgc	660
ggttgccact	ga					672

<210> 2498

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 2498

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gccagaatgg	atgagctggc	gaagctggtt	ggtcaatcct	ccatccagaa	aaccgttctc	360
tccacctacg	gtaaccaggg	cggtcatgtc	ctggttccgc	aaagtaatag	cgatatcaat	420
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<210> 2499

<211> 1713

<212> DNA

<213> Enterobacter cloacae

<400> 2499

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gtggcaggcg	ctgccgccat	tgcgatcggt	gtcgcgatgg	tcttatgggc	aaaaagcccg	180
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gtgatgagcc	agcgcattcg	cgaaatgtca	gataacgatc	cgcgcgtcgt	cgcgctggtc	1680
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<210> 2500

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 2500

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accactggca	aaggcaaaga	tgtctcgctg	acgctggccg	atctaaaagc	ggcgggaagc	180
aagctgtcga	cagcggcaca	ggaaaaaac	ggtgatacca	cgctccaggc	caaaatcgcc	240
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cagcatcagc	cgcttagcca	tgcgttaacg	ggtcaggaaa	aaatgccggg	tcaggacagc	600
gacacctcgc	tgcccgccac	ggcagccggt	acgccagccg	tcgccgccgt	cgcgagagaag	660

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tccgggcagc	aacagcacgc	ttcgcgttcc	ggccagcatg	gcgggtttta	cgatgagagt	1140
gaagagttaa	tgcccgcccc	tgcccgccctg	caatccgccc	cacgcggcag	ccgtgccgta	1200
gacatctttg	cctaa					1215

<210> 2501

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 2501

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ctccagggtga	gcggcgcgct	gttcgggtatt	attgccttta	tccttatcgc	cgccctggctg	180
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gtgctggggc	tgaccgcctc	cagcattaac	gttcttcaca	ccctgcccc	tgccgcctgcc	360
acggtggagg	ctaacgcccc	ggccccctgcg	gatttccagt	ccgttatgaa	gagtttgctc	420
aagcgtcccc	ggagatcctg	a				441

<210> 2502

<211> 387

<212> DNA

<213> Enterobacter cloacae

<400> 2502

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acgcctgagt	cggtcatgat	gatgggcacg	gaggcgatga	aagtcgcgat	tgccgtcgcc	180
gcgcccctgc	tgctggttgc	gctagtcacc	ggtctgatta	tcagtattct	ccaggccgcc	240
acgcagatta	acgaaatgac	cctgtcgttc	atcccgaaga	tcattgccgt	cttcgtggcg	300
attatcggtg	ccggggccatg	gatgctcaat	ttgctgctgg	actatatgcg	caacctgttc	360
accaatctgc	cttacatcat	cggctga				387

<210> 2503

<211> 792

<212> DNA

<213> Enterobacter cloacae

<400> 2503

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cctaaacgcg	tcaaaattgg	gctgggcatg	gttatcacga	ttatcgttgc	cccttccctg	180
ccggcggtgg	atatcccgat	cttttccccg	aatgcgatct	ggattgccct	gcaacagggtg	240
atgattggcg	tagcggtcgg	attcacgatg	cagctcgccct	tcgcgcgggt	acgaacggcg	300
ggtgaactta	tcggtttgca	aatgggcctg	tctttcgcga	cgttcgttga	cccgggcagc	360
cacctgaata	tgcccgtgct	ggcacgtatt	atcgacctgc	tgccgatgct	gttgtttctc	420
tcgttcaacg	gccacctgtg	gctcatctcg	atgctggtgg	acaccttcca	cacgctgccg	480
attggcgaca	acccggtaaa	cagcaacgcg	tttctggcgc	tggtgagggc	tgccgggctg	540
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ctcgcattag	gtttactcaa	ccgaatggct	ccgcagctgt	cggtattcgt	catcggtttt	660
ccggtgacgt	tgacggttgg	ccttttatta	atgtcattat	tgatgccact	tatcgcccc	720
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<210> 2504
 <211> 633
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2504
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 gaactcgcag ccgcttgtga cgcacacaag cccggcgtgg tgtttattaa tgaggactgt 180
 ttcattcacg accccgctaa cagtcagcac attaagcaga tcattaatca gcatcctaag 240
 accctgttta ttgtttttat ggcatcgcc aatattcatt tcgatgagta tttgttgggtg 300
 cgtaaaaact tattaatcag ctcgaaatcg attaaaccag agtcacttga tgacattctg 360
 ggcgattatt tgaataaaga agttaagaat gtaggggcga ttaacttacc caccctatca 420
 ttaagcagaa ctgaatcaag tatgctaaga atgtggatgg ctggacaagg gacaattcag 480
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 aggaaaatta aaacgcataa taagcaagtg atataccatg tcgtacgcct gacagataat 600
 gtgacgaatg ggatttttcgt taatatgcgc taa 633

<210> 2505
 <211> 927
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2505
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 gacattatgc cttcgcttga ggagactctt cttgtcttta ccgacctcga cggcacgctg 180
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 gaacagatac cggtcattct gtgcagcagc aaaaccgcgt ccgagatgga tgacatccag 300
 caggaaactgg ggcttggcgg gctgccctac attgcggaaa acggcgcggt gatccagcct 360
 gacgtacggt gggaaaaacgc cgcacggttc atctcagaaa agaagcatga cgagatccgg 420
 cagtgtattg cccgggtacg ccaggagatg catctgaaat tcaccacctt cgatgatgtg 480
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 aagcacgagg cttccgtgac gctgatctgg cgtgacagtg atgaacaaat gaaatacttt 600
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 ctggacagcg taggcttcgc cgtggtggtg aaaggcttca accgggaggg catcagcctt 840
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 gagggacttg attacttttt gaggtga 927

<210> 2506
 <211> 1422
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2506
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 aaaacggcga ttgcgacagc ggacagcacc atcaccattc agcaagggtg tgacaagaaa 420
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 aacaaagcgg atgctggcgt aagtgccagt attattaacg tcggtaatgg tgagtatcgt 540
 ctgtccatta cgtcgaaaga taccggtaaa gacaaatgca tgactattag tgcagcggc 600
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aacaatttaa	ctaagcaata	taacgcggcc	agcgagcgta	tcgacaccat	ggtagcgcg	1320
tataaagaac	agtttacgca	attagacgtc	atgatgaact	cgctgaactc	taccagcagt	1380
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<210> 2507

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 2507

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tttgatggag	ccctcagcgc	gctggtacgc	gcgcgtctgt	tccttgca	cggtaatatc	180
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atgcaggacg	ccgtctaa					438

<210> 2508

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 2508

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<210> 2509

<211> 1443

<212> DNA

<213> Enterobacter cloacae

<400> 2509

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acgaagatgg	cgcagctgcc	atccgttcgt	cgttatggac	gcctgacgcg	cgccaccggt	180
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caggacgggg	gggagacgcg	tgaagtggaa	agcgaagtgg	tggggttcaa	cggtcagcgc	300
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<210> 2510

<211> 465

<212> DNA

<213> Enterobacter cloacae

<400> 2510

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caggctgaag	aacagttgaa	gatgttaacg	gactatcagc	atgaatatcg	caccaacctt	180
aacaccgaca	tgacgcaggg	cattggtagc	cagcgcgtga	ttaaactatca	gcagtttatc	240
cagacgctgg	aaaaggcgat	tgagcagcat	cgccagcagc	ttaaaccagt	gacgcaaaaa	300
gtcgcataccg	cgctgaattt	ctggcgcgag	aaaaaacagc	ggttgcaggc	ctggcgaacc	360
ctacaggacc	ggcagattgc	agcctcgacc	ctggcggaag	accgtctgga	tcagaaaaaa	420
atggatgagt	ttgccccagc	cgcatacaat	aggaaacctg	aatga		465

<210> 2511

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 2511

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attaccctcg	cggcctgcgc	caccgcaggc	tacagttact	ggcgtatgca	gcaggaaccc	180
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cgtctgaaag	atgaagcgac	ccgtgcacgt	ctaaacgact	acctgccaga	agtgcgtagc	360
cgtctgctgc	tgctgttttc	tcgtcaggat	gcctccgcgc	tcgccaccga	tgtgggcaag	420
caaaagctgg	tcgatgccat	caaacagacg	ctggcgaccc	cgctggtaaa	cggccaacct	480
aagcaggaag	tactgacgt	tctgtatata	gccttcattc	tgcggtaa		528

<210> 2512

<211> 426

<212> DNA

<213> Enterobacter cloacae

<400> 2512

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gcggtctttc	agcagttagg	cggcggcgac	gtcagcggca	cgttgcagga	catcgacctg	180
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gagctgctgc	gcctgacgca	gggttccgtg	gtggcgcttg	acggtttagc	gggtgagccg	300
ctggatattc	tgatcaacgg	ctacctgatt	gcacaaggcg	aagtgggtgt	ggtggccgat	360
aaatacggcg	tacgtatcac	cgacatcatt	acccttccg	aacgtatgcy	tcgtctgagc	420
cgttaa						426

<210> 2513

<211> 1560

<212> DNA

<213> Enterobacter cloacae

<400> 2513

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ggcgggtgaac	tgtggcgaga	agtcacggca	ttagcccca	atctgaacga	aatcggcatc	180
aatatggtct	ggttaccgcc	ggcctacaaa	ggggcatccg	gcggctattc	cgctgggtat	240
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<210> 2514

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 2514

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gccggggcgg	gcgaaccgca	gctgagtga	gaggaacagc	gcgcccagtt	gctggcccag	180
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gcgcgccagc	agcaggcgcc	gctacatgcc	cgcatgcagc	agctggtgag	cgagtttcag	360
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gcggcccgtc	aggtgatcgg	ccagacgccg	atagtggata	acgccgcgct	gattaagcag	480
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cctgatgatt	tgcagcgcgt	ggaagagagc	ctcggcgcca	cgtgagcct	gcacggctgg	600
cggctgcgcg	gcgatccgtc	acttcatcat	ggaggctgta	aggtctcggc	ggatgagggc	660
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<210> 2515

<211> 1068

<212> DNA

<213> *Enterobacter cloacae*

<400> 2515

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gataagagtg	acgaaccgaa	accgggtctg	accggcgacg	ataatattcg	tccctacgat	180
cccaataccc	agcgtcgcgt	ggcgcgcgag	cgtttacagg	cgctggagat	catcaacgaa	240
cgtttcgcac	gtcagttccg	tatggggctg	tttaacctgc	tgcgtcgtag	cccggatata	300
accgtcgggtg	ccatccgcat	tcagccgcat	catgagtttg	cccgcaacct	gccgggtgcca	360
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cccgtgctga	caagccagta	cggcacgatt	aacggccagt	atgcgttacg	cgttgagcac	1020
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<210> 2516

<211> 804

<212> DNA

<213> *Enterobacter cloacae*

<400> 2516

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gtgtatgcgc	aactgcgggg	gctggtttcc	acgcgcgtgg	cgaacggggg	acaaagctgg	180
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<210> 2517

<211> 258

<212> DNA

<213> *Enterobacter cloacae*

<400> 2517

ctgttgagac	ggttaaata	ggagcccgc	atgaagactg	acaaagagta	cagcgacacc	60
attaagcgtg	aggttgaagt	ggatgtcgat	gccctgcttg	ccgccatcaa	tgaaattagt	120
gagtccgaag	ttcatcgcgc	ggaggataat	tcagaccgtg	tcgtgggtcaa	tggtcgggat	180
taccatacct	accgtgaact	ggctgaagca	ttcgagctgg	atatccatga	ctttagcgtc	240
tcggaaacga	accgctaa					258

<210> 2518

<211> 348

<212> DNA

<213> *Enterobacter cloacae*

<400> 2518
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 gctaagtata gaccgcacac aaaaacgcca ttcgcgccag gcggcgatgc caggcaatgt 120
 aatttgttct acactggctc aaaaccacag gaggaatgta tgaagggtcaa cgatcgggta 180
 accgtcaaaa cggacgggtg gccgcgccgc ccgggcgtgg ttctggcaat agaagagttt 240
 aatgaaggca caatgtatct ggtgtcgtg gaagattacc cgctcgcat ctggttcttc 300
 aacgaactgg ggcacccgga tgggatcttt gtggaaacgg cggaatag 348

<210> 2519
 <211> 309
 <212> DNA
 <213> Enterobacter cloacae

<400> 2519
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 tgctcgattg gcgtgcgttg cagcgggttg aaggggttgg tgatcagcgc gccggtttcg 180
 gtggtatcag gggagggcag gccatcgagc ggtttgccgc ttccgtccag gacgcggccc 240
 agcagcgccg gaccgagcgg gagctgtttg ccgctttgca ggccgtcacc gctaagtgtt 300
 ttcgcgtag 309

<210> 2520
 <211> 336
 <212> DNA
 <213> Enterobacter cloacae

<400> 2520
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 acccaggctg agagatttac ccttggcgaa cccggcgtgg cgctcaacga tgtgatggcc 240
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 tcggcatacc aggaagtgat ggggatgcag gtttaa 336

<210> 2521
 <211> 489
 <212> DNA
 <213> Enterobacter cloacae

<400> 2521
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 tgcgttcagg tcgaaaacta tcaggaagtg gttaagcatc cggcaccttc gcaactggca 180
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 cttccgtaa 489

<210> 2522
 <211> 810
 <212> DNA
 <213> Enterobacter cloacae

<400> 2522
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caccattttac	tgggaagggaa	tttacgccag	cgctgatggg	aagcgattga	agctttaccg	660
gaacgtgagc	aactggtggt	aaccctctat	taccaggaag	agctcaatct	caaagagatt	720
ggcgccgtgc	tggaggtggg	cgagtcacgg	gtgagccagc	tgcacagcca	ggccattaaa	780
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<210> 2523

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 2523

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acgctggttc	gtcgcggtga	aatcgtgaat	aagattgcga	tttcccgcct	cgacacgctg	180
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ctgcgaaagt	atgcacaata	taaagtccag	atgccgggcg	tcataaagca	gaaagtcgcg	540
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<210> 2524

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 2524

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gcacccacgc	cgttgaggtt	tctcccagga	ttttctgact	atctggggcg	cgatatatttc	180
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<210> 2525

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 2525

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<210> 2526

<211> 509

<212> DNA

<213> Enterobacter cloacae

<400> 2526

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<210> 2527

<211> 1728

<212> DNA

<213> Enterobacter cloacae

<400> 2527

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1728

<210> 2528

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 2528

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<210> 2529

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 2529

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<210> 2530

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 2530

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<210> 2531

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 2531

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<210> 2532

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 2532

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<210> 2533

<211> 1380

<212> DNA

<213> Enterobacter cloacae

<400> 2533

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<210> 2534

<211> 3885

<212> DNA

<213> Enterobacter cloacae

<400> 2534

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<210> 2535

<211> 954

<212> DNA

<213> Enterobacter cloacae

<400> 2535

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<210> 2536

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 2536

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cagcagtgcg	agttgcccgc	gggctggcgc	gtggctctgcg	aaccgcaatc	taaggaggcg	180
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cgcgcatga

249

<210> 2537

<211> 1521

<212> DNA

<213> Enterobacter cloacae

<400> 2537

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gcccaccggc	atctccggcg	cggattcgcc	ccagggtgtg	atccagcaga	tgcccgcctc	180
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<210> 2538

<211> 2043

<212> DNA

<213> Enterobacter cloacae

<400> 2538

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<210> 2539

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 2539

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ggaaggaaa	ccgcttcccg	ggtaaccgcc	tatgaagttg	ctgatgtgcg	cgccatcaga	180
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ataaagagct	gggagtctaa	acgtcgcaac	ccaaccgggc	tggcgggcga	ggtacttaat	300
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<210> 2540

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 2540

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cgacgggatg	aaggagtaat	catgcagaaa	ggtattgttg	taaccgacgt	gaccgtgacc	180
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cgcgccctca	gcggcggtgt	gcgccacgtg	gtgctcagcg	gctcggaaga	tgcgattatt	900
accgacgacg	aacgcccctt	cgtggcgcac	cgacaggagg	ccaaatga		948

<210> 2541

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 2541

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gcacaacctc	tatggcccga	ccgaagcggc	ggtggacgtc	agctggtatc	cggcgtacgg	120
ccccgagctg	gcggcggttg	aagggaacag	cgtgccgac	ggcttcccg	tgtggaatac	180

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gtatctcacc	ggcatccagc	tggcgcaggg	gtatctggga	cgccccgacc	ttaccgccag	300
ccgctttatc	gccgaccggt	tcgcgccggg	cgagcggatg	taccgcaccg	gtga	354

<210> 2542

<211> 1263

<212> DNA

<213> Enterobacter cloacae

<400> 2542

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<210> 2543

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 2543

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gacaaaagct	ggcaggaact	gctgaccacg	ctggggacga	tcaccgggca	ggagacacag	540
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<210> 2544

<211> 1320

<212> DNA

<213> Enterobacter cloacae

<400> 2544

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gatgccgcac	atggcgcgct	ggctgggtgg	ggcggatcac	cgctggtecc	tcccggtaac	180
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<210> 2545

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 2545

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taa						663

<210> 2546

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 2546

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<210> 2547

<211> 1593

<212> DNA

<213> Enterobacter cloacae

<400> 2547

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<210> 2548

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 2548

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<210> 2549

<211> 978

<212> DNA

<213> Enterobacter cloacae

<400> 2549

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<210> 2550

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 2550

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<210> 2551

<211> 2265

<212> DNA

<213> Enterobacter cloacae

<400> 2551

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<210> 2552

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 2552

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<210> 2553

<211> 1722

<212> DNA

<213> Enterobacter cloacae

<400> 2553

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<210> 2554

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 2554

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<210> 2555

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 2555

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<210> 2556

<211> 1899

<212> DNA

<213> Enterobacter cloacae

<400> 2556

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tacgcgcgcg	cgcagaccat	tgaagtgcgc	atggcggaca	tgtcggaaac	cttcgcgcgcg	1860
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<210> 2557

<211> 945

<212> DNA

<213> Enterobacter cloacae

<400> 2557

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<210> 2558

<211> 357

<212> DNA

<213> Enterobacter cloacae

<400> 2558

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atggcgcgaa	aaggcgactt	tgacgaagcc	gagaaaagcga	tggaagagtc	gcgtgaatat	180
gtgaaacatg	cgcatacgat	ccagacgcag	cttatcggtc	ttgacgaagg	gacaggaaaa	240
ctgccgggtta	acctgatcac	cgttcattct	caggaccacc	tgatgaacgc	gatggtaatt	300
caggatctgg	cgggcgacat	gattgagctt	tatcgacgca	tcccgtgggt	aaactga	357

<210> 2559
 <211> 237
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2559
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 ccgatgacgt gcgacgacga tcttaccgtt gccgccttgc tcgacacgct gcgccagctg 120
 aagccgggaa cggcgctggc gctcaatcaa cagatcctgc cgcgcgagcg gtgggaacat 180
 cagcaggtca atgaaggcga ccagatcctg ctgtttcagg ttatcgcagg gggctga 237

<210> 2560
 <211> 1800
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2560
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<210> 2561
 <211> 1656
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2561
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 ctcatgtttg cgtgatcgc catcctgggt atcctttcac agagaaaagga ttttcttgag 240
 gattatcata agattaatgg taacttcacc cgaatctggt cggtaaaacta taccgaatcc 300
 atcctgcgag aaaatgacta tattcttggt cgtgctgcga tgtacttcgc ccgtaacgac 360
 agagtaaadc agacaattaa tatcgacccg acacacggtt tgcagatggt gatgcatttg 420

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<210> 2562

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 2562

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gtcgaagtaa	ccattaaagc	cggtccggct	gcggagttca	aagataacat	cgcgacggct	180
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gatccgctcg	gaaaaaaggt	cgcggtcatc	gacatgatgg	attacggcat	gatgaaaggt	300
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<210> 2563

<211> 1734

<212> DNA

<213> Enterobacter cloacae

<400> 2563

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gcctcgtcag	gtgtgttaga	tgagtttttc	acagggaaaa	ttcatctaac	gctctctgta	120
atcgtgaaat	ccaggggatt	taccatgcaa	caacgtcgct	cagtcgcgcg	cgctctgctc	180
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